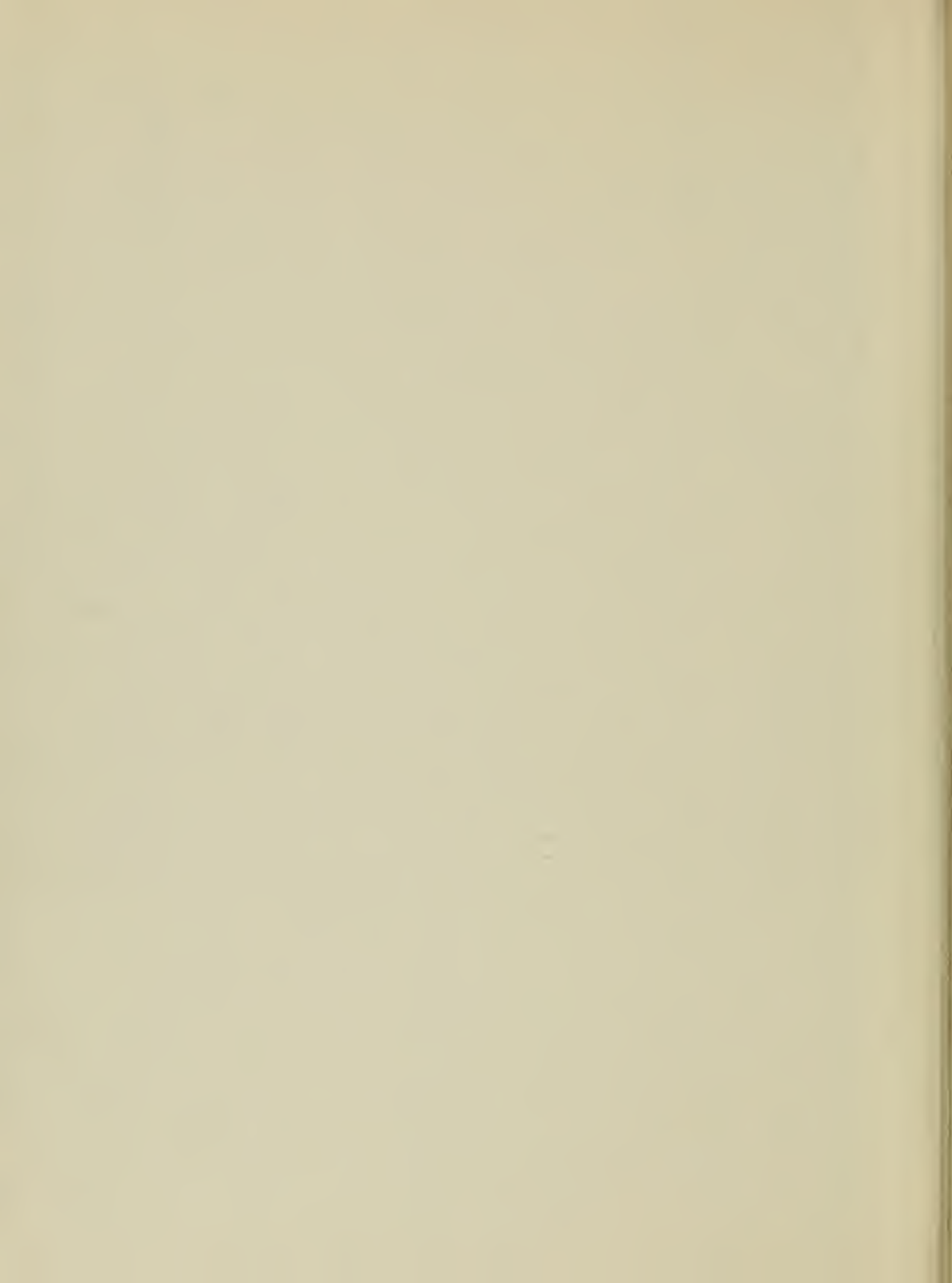






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Alumni Publication of the University of Maryland

Maryland magazine

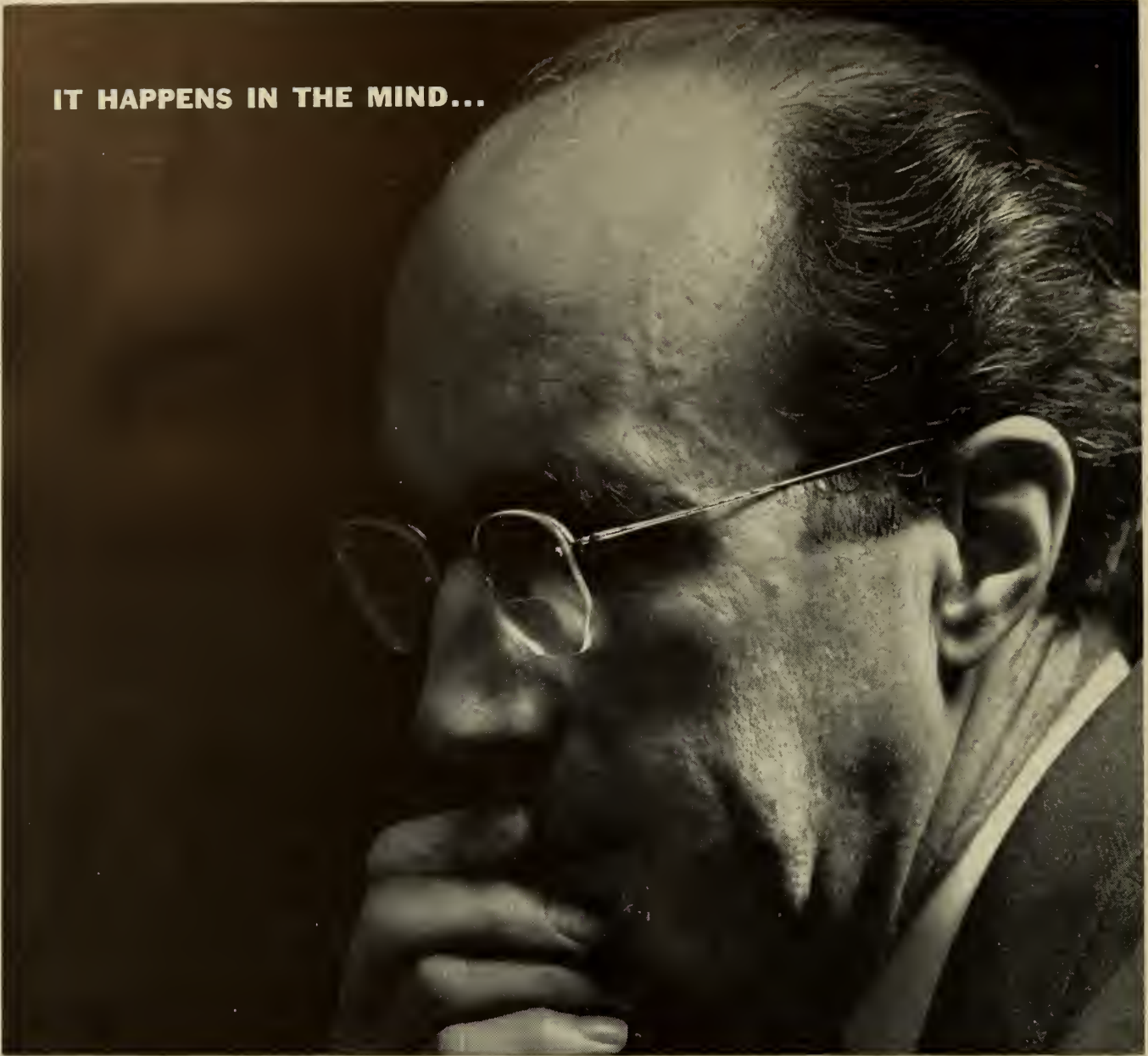


Volume XXXIV Number One • January-February 1962

"M" CLUB BANQUET • AT THE BERLIN WALL • MARYLAND BOOKS AND AUTHORS

At Bell Telephone Laboratories, mathematician Sidney Darlington has contributed notably in developing the art of circuit analysis.

IT HAPPENS IN THE MIND...



...It is essentially a thing of the mind for it works through concepts, symbols and relationships...it helps man to analyze and synthesize the complex phenomena of the universe and himself...it works in many ways to advance electrical communications:

IT IS CALLED MATHEMATICS

At Bell Telephone Laboratories, mathematics works powerfully to solve problems involving complex data. Intriguingly, too, the mathematical approach: led to the invention of the electric wave filter...disclosed a kind of wave transmission which may some day carry huge amounts of information in waveguide systems...foretold the feasibility of modern quality control...led to a scientific

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BELL TELEPHONE SYSTEM

the **Maryland** magazine

Alumni Publication of the University of Maryland

Volume XXXIV

Number 1



THE COVER: When alumni visit the campus at College Park they should make a special point to inspect the Maryland Room. The Maryland Room has become an important repository and display area for items of historical interest concerning Maryland and Marylanders. The Room is located on the fourth floor of the McKeldin Library where alumni will be welcomed and made to feel at home by Mrs. Harold Hayes, Head. Mrs. Hayes will be pleased to introduce alumni to early works of Maryland fiction, material from the earliest University archives, and published information relating to modern-day Maryland. A cordial open invitation is extended to University alumni to visit and use this outstanding library.

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3 Alumni and Campus Notes

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10 Maryland Books and Authors

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THE ALUMNI DIARY

I WON'T SAY I WASN'T PROUD . . . IN FACT, I WAS A LITTLE ON THE EGOTISTICAL side and feeling much too important. The speaker had just paid a tribute to some ten million college and university alumni in this Country. He was talking about me when he said alumni hold in their charge the great forces of influence which both control and inspire public action. I had already convinced myself that alumni are the ones who guarantee adherence to basic truths, while at the same time controlling the extent of man's inquiry into the unknown.

Then came the blow . . . the speaker quoted from Winston Churchill and immediately took me back to the personal experience of hearing that momentous address at Fulton, Missouri in 1946. At that time, I was more concerned with adjustments to my camera to assure a good picture of the Prime Minister of Great Britain and the President of the United States as they appeared together in this small mid-western college town. Just as though someone knew I had missed the on-the-spot impact of Churchill's profound expression embracing hope, fear and the challenge of our times, it was now repeated for my benefit. Those prophetic words were "The Stone Age may well return on the shining wings of science."

This sobering thought must make all of us realize that the gift of education is, in the same breath, the greatest responsibility and the greatest blessing a man can have. As we view the ever-increasing pressure for college admission, we begin to place true value upon the opportunity to discover new knowledge and to revamp the old. We realize again how important the individual mind is and must be in the present struggle between two great societies with divergent philosophies. Education in our time must continue to excite us and to develop the best in each of us if our society is to emerge successfully in this struggle.

Recently Dr. Ralph Sockman addressed the Advertising Club of Baltimore at a Good Will luncheon. The hundreds who were present were men of influence representing many alumni groups. Most had the advantage and opportunity which comes with advanced education. Even though they were men of divergent nationalities and religious conviction, they indicated their respect to the speaker, who obviously combined great vision with formal education when he said "There is something inside of us greater than anything in our power to create outside of us."

Only as we lay hold of knowledge available to us can we unveil the true potential of man in his desperate struggle to survive, to grow, and to enjoy the revelations that only knowledge can permit.

Yes, there is justifiable pride in being an alumnus, but there is even greater satisfaction in enabling others to earn and wear the same mantle.

Sincerely,

DAVID L. BRIGHAM
Alumni Secretary



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF ACTIVITIES

FEBRUARY

- 5-9 Spring Semester Registration
- 8 S.U. Classical Film Series:
Four Bags Full
- 12 Instructions Begin
- 22 Washington's Birthday, Holiday
- 28 S.U. Cultural Series:
The Population Explosion

MARCH

- 1-3 Basketball, ACC Tournament,
Away
- 8 S.U. Classical Film Series:
Devil in the Flesh
- 14 S.U. Cultural Series:
A Program on Space Exploration
- 25 Maryland Day

APRIL

- 4 S.U. Cultural Series:
An Author's Party
- 12 S.U. Classical Film Series:
Rocket from Calabuch
- 19 Easter Recess Begins After Last
Class
- 24 Easter Recess Ends 8 a.m.
- 25 S.U. Cultural Series:
A Program on the Arts

University is Now 13th Largest in Nation

A TOTAL ENROLLMENT OF 24,386 STUDENTS, INCLUDING full and part-time students and professional school students, has made the University of Maryland the thirteenth largest accredited university in the United States.

The 42nd annual enrollment survey for *School and Society*, national educational journal, was conducted by Dr. Garland G. Parker, Registrar and Central Admissions Officer for the University of Cincinnati.

The survey revealed that national collegiate attendance, as recorded this fall in 1,047 accredited universities and four-year colleges, rose 6.6 percent over last year, "the ninth straight year of increased American collegiate enrollments."

The enrollment survey is particularly significant because it indicates academic trends and helps university officials predict future enrollment figures.

For example: this year's full-time freshman enrollment, though still on the rise, is well below last year's 11.4 percent increase. Reasons for the smaller freshman increase are given as: "1961's unsettled economic conditions, limited capacities of many institutions, and the relatively low World War II years' birthrate."

At the same time, the survey warns against, "the impact of the massive post-war years' birthrate three years from now."

Another trend revealed by the survey is that the nation's freshmen are enrolling in arts and sciences and education curricula at the expense of two other fields, business administration and engineering.

Freshman enrollment figures show a 9.8 percent increase in teacher training programs, and a 6. percent increase in arts and sciences. At the same time freshman enrollment in business administration is down 0.5 percent and engineering down 0.4 percent.

In conducting the survey, Dr. Parker categorizes his statistics by types of institutions, such as teachers colleges; independent colleges of arts and sciences; fine arts, applied arts, and music schools; independent technological schools; and large public and private universities.

According to the survey, enrollment at each of these institutions is on the upswing. The large public and private universities, which together have more than half the nation's students, rank second in rate of increase with a 7.6 percent gain.

The nation's teachers colleges are in the lead with a 14 percent increase in enrollment, almost double that of any other category.



Piersall and Lemon



Malone and Evans



Nugent and Beebe



Dr. Byrd and Brigham

“M” Club Banquet

THE MONOGRAM CLUB, BETTER KNOWN AS THE “M” Club, held its eleventh annual banquet at the Sheraton Park Hotel, December 2, to recognize outstanding achievement in the world of sports.

The “M” Club began in 1923 for the purpose of encouraging athletic competition and participation for all students interested in athletics; to render financial aid to worthy boys desiring higher education; and to maintain the highest ideals in inter-collegiate athletics.

Toastmaster for the evening program was Bill Malone, radio and television personality.

Dr. Lawrence Smallwood, Vice President of Club, presented the Charles P. McCormick Award to Paul W. Quinn, '61, Maryland Golfer; The Talbot T. Speer Award to William H. Johnson, winner of a number of low and high hurdle championships; the A. V. Williams Award to Donald Brown, co-captain of the 1961 baseball team; and John William Guckeyson Memorial Award to Robert E. Hacker, a two-letter man in football and wrestling, and a fine scholar (3.17 average).

Coach Tom Nugent presented the James M. Tatum Memorial Award to Bill Kirchiro as the outstanding tackle of the year.

Director of Athletics W. W. Cobey presented the All American Awards to Clayton A. Beardmore, Lacrosse, and Gary J. Collins, Football.

Clayton is an outstanding midfielder and opposing player. In 1958, he was named to All M.S.A. Lacrosse Team. He received the William P. Cole Memorial Award, 1961 and the 1961 Naval Academy's Seth Memorial Award.

Gary is considered the best end football player to have ever played at Maryland. In his Junior and Senior years he was named “National Lineman of the Week” and was “Conference Lineman of the Week” several times. He has broken many records with his catches, blocks, tackles, and wins.

The Atlantic Coast Conference Championship Coaches

Award went to Bill Campbell, Swimming; Jack Faber and Al Heagy, Lacrosse; Jim Kehoe, Track; William E. “Sully” Krouse, Wrestling; and Doyle P. Royal, Soccer.

Persons selected for honorary membership in the “M” Club were:

Robert L. Bensinger, Tennis Champion; Miss Edith Frothingham, Secretary and Financial Supervisor for the Athletic Department; Arthur N. Morris, a longtime unsung friend of the “M” Club and Maryland Athletics; Tom Nugent, Head Football Coach since 1959; and Alfred J. “Duke” Wyre, Terps' Head Trainer for the past 15 years.

The State of Maryland Athletic Hall of Fame Awards were presented by the Toastmaster, Bill Malone. They went to: William Wilder Evans, a 1930 graduate, an all-around good athlete earning the Freshman Numerals and three letters each in Football, Basketball and Lacrosse; Charles Lincoln Herzog (deceased), Star Infielder in the National League 1908-20; Harry Jeffra, world-famous boxer, winning the Bantamweight Championship in 1937, and the World Featherweight Crown in 1940; and Frederick Charles “Fritz” Maisel, played baseball for the Orioles, Yankees and Saint Louis Browns.

Jim Lemon, Minneapolis Twins, presented the Sports Achievement Award to Jimmy Piersall of the Washington Senators. Jim, one of the Nation's most spectacular baseball stars, is starting his 10th season in the American League with the Washington Senators. He ranked fourth in the League with a .322 batting average as Cleveland's Center Fielder. He is the father of 8 children at the age of 32.

David L. Brigham, Executive Secretary of Alumni Association, presented the Outstanding Citizens Award to Dr. H. C. Byrd, former President of the University. Dr. Byrd has served the University as Coach, Instructor, Athletic Director, Assistant to the President, Vice President, and in 1935 became President. He resigned in 1954 to seek the Governorship of the State. He was the founder and first President of the “M” Club.

Mr. Holter Receives Agriculture Award

For his outstanding activities and contributions in agriculture, Mr. Edward F. Holter has been named Maryland's 1961 Man of the Year by *The Progressive Farmer* magazine. Mr. Holter is Vice Chairman of the University's Board of Regents. He has served on the Board since 1947.

Each year an award is presented to one person from each state in a regional area covering North Carolina, South Carolina, Virginia and Maryland.

The winners from the other states were: Brooks James, Dean of Agriculture, University of North Carolina; C. Norwood Hastie, Jr., owner of the world-famous magnolia garden nursery in South Carolina; and Wilson B. Bell, Associate Director for Farmers Home Administration in Maryland and Delaware.

Mr. Holter is a well-known figure in the field of agriculture, he is the State Director for Farmers Home Administration in Maryland and Delaware; member of the Grange movement; life-long member of the Farm Bureau; he is a member of Farm Conference Division of the National Safety Council; President of Farmers and World Affairs, Director of American Country Life Association; and in Frederick County, his home state, he has served as county commissioner.

Student Union Addition to be Completed in 1962

Work on a \$1,797,000 expansion of the Student Union Building at College Park is well underway with completion expected in the fall of 1962.

A total of 85,000 square feet of floor space will be added to the present building, which was erected in 1954, bringing the total upon completion to 137,000 square feet.

Enrollment increases since 1954 have necessitated the need for expanded union facilities.

New areas which will be added include a large, multi-purpose auditorium, fine arts lounge, a cafeteria, meeting and conference rooms and recreational facilities.

Present facilities which are slated for expansion are the student supply store, snack bar, student organization offices, music practice rooms and service areas.

The new construction is financed from student fees which are charged for the use of the building.

1962 Alumni Fund

March 14, 1962 is the date set for the start of this year's alumni fund of The Greater University of Maryland Fund.

The Planning Committee of the annual alumni canvass has established as a priority objective support for the University's Distinguished Faculty Program. The Committee has also pledged continued support to scholarship, cultural and library projects.

Two years ago the Distinguished Faculty Program was established for the purpose of attracting and holding outstanding scholars and faculty members for both the Baltimore and College Park campuses. Special opportunities for professional development through faculty fellowships for advanced study, faculty internships and special faculty projects for study, research and publication are also provided in this program.

Since the establishment of The Greater University of Maryland Fund approximately 10,000 gifts totaling more than \$500,000 have been given to the University.

Alumni are being invited between now and March to serve as members of committees for the purpose of making personal calls on Maryland's 40,000 alumni during the three-month campaign.

Active Planning Committee members include: Albert E. Goldstein, Chairman; Howard C. Filbert, National Canvass Chairman; John Krantz, Special Gifts Chairman; Kenneth Fowler, Baltimore Area Representative; Myron Aisenberg, Dean, School of Dentistry; Robert Weiss, Washington Area Representative; G. K. Reiblich, School of Law Representative; and Norma Yeager, Nurses Alumni Association Representative.

Maryland Families Host Foreign Visitors

Eighteen Maryland families have made a valuable contribution to international relations by serving as hosts to foreign nationals here to learn how Maryland operates its extension program through the State Board of Agriculture and the University's College of Agriculture. All of the visitors are extension officials in their respective countries of the Philippine Islands, Republic of China, Thailand, Vietnam, Bolivia, Indonesia, Iraq and Korea.

Under the sponsorship of the U. S. American International Development program, the participants attended classes at College Park, and observed first-hand how Maryland county agents conduct extension affairs throughout the State.

"The morning after I arrived in Pardonville (Md.), I awoke at 6 a.m.," one visitor reported.

"I dressed and went downstairs to wait for my hosts to get out of bed to begin the day's work and activities. After waiting a long time without seeing them, the thought crossed my mind that Americans were lazy people.

"My impression was soon changed. They had been out of bed since 4:30 and work had been underway for some time," he declared.

This incident was related by Mr. Do Quang Giao, Assistant Director of Agricultural Extension in Saigon, Vietnam. Mr. Giao was the guest of Mr. and Mrs. William Reddish, of Wicomico County.

The experience was typical. Maryland's foreign visitors were impressed with how hard American rural families

Continued on page 14



A TEAM OF VARSITY SCHOLARS represented the University on the G. E. College Bowl, a CBS television program, on January 21, against 4 scholars from another university (the winner of the previous week's show). Vying for a \$1,500 scholarship grant are left to right: Edward Deitemeier, English major; Robert Detwiler, mathematics major; Mrs. Annette Flower, English major; and Julian Tepper, English major. [The results of the contest were not known at press time. Ed.]

Alumni Club Meetings

The Montgomery County Club will hold its mid-Winter meeting February 17 at the Kenwood County Club. For reservations please contact Dr. Donald Boyd, President, at 15220 Georgia Ave., Norbeck, Maryland.

The Baltimore Club will have as their guests on March 16, members of the Board of Regents at a buffet supper planned for the Baltimore Union. A lecture, titled "Latin America—a sleeping giant," will be presented by Dr. Horace V. Harrison, Associate Professor of Government and Politics.

National Collegiate Athletic Association Eastern Regional Basketball Tournament March 16-17

*Cole Activities Building
University of Maryland at
College Park*

All seats reserved, \$2.00 and \$3.00. Mail orders should be sent to Box 295, College Park, Maryland and checks made out to NCAA. Add 25¢ for postage and insurance.

1961-62

Varsity Basketball

February	3	Navy— <i>Away</i>
	6	North Carolina— <i>Home</i>
	9	South Carolina— <i>Away</i>
	10	Clemson— <i>Away</i>
	13	Duke— <i>Home</i>
	17	Wake Forest— <i>Away</i>
	19	North Carolina— <i>Away</i>
	21	Virginia— <i>Home</i>
	24	Clemson— <i>Home</i>
March	1-3	ACC Tournament at Raleigh, North Carolina.

1961-62

Freshman Basketball

February	6	Bullis Prep— <i>Home</i>
	13	Fort Myers— <i>Home</i>
	21	Virginia— <i>Home</i>
	24	DeMatha High School— <i>Home</i>

Home Games start at 6:15 P.M.
Coach: Frank Fellows.

Computer Science Center Planned at College Park

A computation science center is in the planning stages at the University of Maryland and Dr. Werner C. Rheinboldt, of Syracuse University, has been appointed to the University's administrative staff to head the new unit.

This will be the first computation center in this region to centralize education research and service in this science.

According to Dr. R. Lee Hornbake, University Vice President for Academic Affairs, the unit will provide a facility for development of courses, research computation for all departments of the University and will service generally the University's participation with government and industry.

The new center, for which an IBM 7090 computer ultimately is envisioned, is expected to be in operation by 1963.

Presently, several small computers are already in operation at College Park, including a 1401 IBM auxiliary satellite computer being used for administrative work, an LPG 30 IBM computer being used for space research in the Department of Physics, and a 1620 IBM computer in the College of Engineering. The computer in engineering is being used for both teaching and research.

In addition, the Departments of Mathematics and Office Management and Techniques are offering courses in this new science.

Faculty Recognized by Academy of Science

Three University of Maryland faculty members were among a group of six area scientists who have been cited for scientific achievement by the Washington Academy of Science.

They are Robert W. Krauss, Professor of Botany, in the biological sciences, Lawrence E. Payne, Research Professor

in the Institute for Fluid Dynamics and Applied Mathematics, in mathematics; and Ralph D. Myers, Professor of Physics, for outstanding service in the teaching of science.

Other area scientists included John D. Hoffman, of the National Bureau of Standards, in engineering; Rodney E. Grantham, of the Naval Ordnance Laboratory, in physical sciences; and Charles R. Naeser, of George Washington University, in teaching.

The Academy's awards program was initiated in 1939 to recognize young scientists of this area for "noteworthy discovery, accomplishments, or publication" in these academic fields.

Dr. Krauss, who has been a pioneer in the applied development of algae cultures, was cited for his contributions in this field. Dr. Payne was cited for his contribution to the theory of partial differential equations. Dr. Myers, who has taught nearly all the regular courses offered in the University of Maryland Department of Physics at some time or other during his 23 years at College Park, is leader of his Department's research group in solid state phenomenon.

\$850,000 NSF Grant Awarded to Physics

A grant of \$850,000 for graduate research laboratory development has been made to the Department of Physics by the National Science Foundation.

This is the largest graduate-level research facility grant ever made by N.S.F.

The grant fits into a building program for the Department which was approved by the Board of Regents over the past several years. Of the four stages planned, two are scheduled for completion by this June.

These include an addition to the Van de Graaff accelerator facility used by

Scholarly Text Available to Alumni

The publication of the first two Henry H. Breehbill lectures are now available for sale by the Student Supply Store, University of Maryland. The two lectures, "What Good is a University in the Americas," by Harold R. W. Benjamin and "Conflict in Education Between Science and Humanism," by Agnes E. Meyer, are published together in the same bulletin. These are the first two lectures in a lecture series established to honor Dr. Breehbill, retired Assistant Dean and Professor of Education of the College of Education.

The publication is available at a cost of \$1.03. Orders should be sent and checks made payable to the Student Supply Store, University of Maryland.

the Department's Experimental Physics Group, a neutron pit being constructed at the northeast corner of the existing building and a fourth floor addition to the existing building to provide space mainly for high energy physics, astronomy, and theorists' offices.

A third stage provides for the construction of another addition to the northwest of the existing building to provide shops in the basement and other research and teaching facilities on the four floors above.

The fourth stage calls for constructing an addition to the building in which a spiral high-ridge cyclotron can be installed.

Matching funds, required by the N.S.F. for all laboratory development grants, were appropriated by the Maryland General Assembly. The University

received \$395,000 in 1960 and \$795,000 in 1961.

National Science Foundation grants are based upon a review of the strength and potentialities of the institution's graduate training program in a particular field of research. In the case of physics at the University of Maryland, the number of full-time graduate students increased from 181 in 1960 to 242 in 1961. The number of fellowships awarded to these students has doubled in the last year.

In addition, the faculty has increased by 32 percent.

Graduate research programs are underway in all of the specializations within physics, and about 16 students are expected to complete requirements for the Ph.D. degree this June.

Planning and construction work has

been made with close cooperation of the Department's faculty. The building addition for the neutron pit has been supervised by Professor William Hornyak. High energy facilities on the new fourth floor are under the direction of Professor George A. Snow. The cyclotron development has been led by Professor Harry Holmgren.

Physics teaching and research for the past semester at College Park has been under the direction of Dr. Howard Laster, who has served as Acting Chairman of the Department during the absence of Dr. John S. Toll, permanent Chairman, now on sabbatical leave from the University.

Dr. Toll, who has been conducting research in quantum field theory at the University of Lund, Sweden, will return to Maryland in February.

Alumni are invited to send items of interest to the following correspondents for *The Maryland Magazine*.

University of Maryland at College Park

COLLEGE OF AGRICULTURE

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Room 252A, Symons Hall

DEPARTMENT OF AIR SCIENCE

Captain Robert A. Delmar
Room 26, Armory

COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION

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Room 144, BPA Building

COLLEGE OF EDUCATION

Mrs. Mary J. Ahalt
Room 114, Skinner Building

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Prof. R. M. Ginnings
Room 112, Engineering Building

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Dean Selma Lippe tt
Room 110A, Margaret Brent Hall

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Miss Mary R. Harrington
Room 201, Preinkert Field House

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Room 200, Skinner Building

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School of Law

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Room 301, G.L.
School of Medicine

SCHOOL OF PHARMACY

Dr. B. Olive Cole
3800 Beech Avenue
Baltimore 11

SCHOOL OF NURSING

Miss Joan White, R.N.
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School of Nursing

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Dean Verl S. Lewis
School of Social Work



AT THE BERLIN WALL

Maryland Overseas Students
Stand Guard with a Book in One Hand
and a Rifle in the Other

By James L. Colwell

Assistant Director, European Division, University College

THE UNIVERSITY OF MARYLAND'S CAMPUS, THROUGH the worldwide operation of University College, touches both the Iron Curtain and its bamboo counterpart in Turkey, Korea, and in Germany. In one spot this extensive campus even reaches a point more than a hundred miles behind the Communist-built blockade of steel and concrete. That spot is Berlin, where world attention is currently drawn to the potential peril of a major conflict.

Through the center of this vast city runs history's best publicized spite fence, and among the men who daily patrol the free side of that fence are steel-helmeted Americans who, in their off-duty time, lay aside new M-14 rifles to pick up college textbooks. These men can be called Terrapins by adoption, for they are part-time Maryland students in classes administered by University College's European Division, a program which recently marked the beginning of its thirteenth year of existence in Berlin.



RIGHT: East German "vopos" string barbed-wire between concrete posts on the sector border.

BELOW: University of Maryland Lecturer Lauren Ekroth (center), Education Adviser Bruce H. Justis (right), and an unidentified Maryland student watch East Berliners waving to friends and relatives from behind the wall.



On an October evening in 1949 the Berlin Army Education Center became one of the first six education centers on overseas American military installations to offer University of Maryland classes. That, too, was a time of great tension in Berlin, for the Berlin Blockade had ended only a few days before, on September 30. But students jammed all available classrooms in order to continue their education while in uniform, and since that time thousands of such students have been enrolled, sharing tuition costs with the service to which they belong.

Through the years large numbers of these students have been helped to enroll through the efforts of Mr. George R. Lambert, who has long been the Berlin Command's Chief Education Adviser, and by Mr. Irving H. Krakusin, his predecessor. A number of their students have completed requirements for one of the two degrees offered by University

College: the B.A. in General Studies and the B.S. in Military Studies. Graduates are awarded degrees in regular commencement ceremonies arranged by the European Division staff in Heidelberg, Germany, and attended by President Wilson H. Elkins; Chairman of the Board of Regents, Charles P. McCormick; Dean of University College, Ray Ehrensberger; distinguished commencement speakers such as Ambassador David K. E. Bruce (a Maryland graduate), General Alfred M. Gruenther and Berlin's Mayor Willy Brandt; and often, the Governor of Maryland.

This fall, despite frequent alerts, maneuvers, and other military precautions required by increasing Communist pressure in East Berlin, Maryland continued serving Berlin servicemen. Classes began as usual on September 11 with courses in business law, college algebra, German language and military history attracting 113 enrollees for the first of the four eight-

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SIE VERLASSEN DEN AMERIKANISCHEN SEKTOR



Lecturer Eckroth stands at the edge of the American Sector as a "vopo" watches him through field glasses. "Socialism will win" boasts the sign behind the "vopo."

week terms that make up the normal academic year overseas. Total enrollment for the European Division exceeded 10,000 this term to set a new record. Classes are scheduled for three-hour sessions on two evenings a week.

A visit to the Berlin Education Center, like a tour of the concrete and barbed-wire barrier snaking its way through the heart of this great city, can provide a study in contrasts between the two philosophies locked in competition before the eyes of the world. The sight of American soldiers who spend their free time studying in civilian-administered classes provides a living illustration of free enterprise, of academic freedom, and of individual initiative. The fact that American soldiers are free to do this in the very face of an avowed enemy is a potent argument in favor of Western Democracy.

Even more impressive, of course, is the forbidding aspect of life which the visitor sees to the east of the "Chinese Wall,"

as the West Berliners mockingly call the hated fence. There one can see drab buildings interspersed with deserted World War II ruins, heavily armed *Vopos* (*Volkspolizei*, or "People's Police") whose job it is to force East Germans to tolerate their Communist masters, and occasional crude memorials marking the spot where desperate refugees were shot as they attempted to flee to the West. The failure of Communism in Berlin is evident everywhere.

Our Berlin Terrapins, book in one hand and rifle in the other, are living guarantees of West Berlin's continued freedom. They are also representatives of the flexibility of American education and of the personal freedom Americans enjoy in obtaining their education. Marylanders can be proud of their University's part in helping sustain these men and their education program.

Maryland Books and Authors

by Mrs. Harold Hayes,
Head, Maryland Room, McKeldin Library

THE ORIGIN AND MEANING OF THE INDIAN PLACE NAMES OF MARYLAND by Hamill Kenny. Baltimore: Waverly Press, 1961. xix, 186. \$7.

DR. KENNY'S BOOK GIVES ETHNO-historians and place-name scholars occasion to rejoice. The subject of American Indian place-names has been treated both superficially and inexpertly, with so many invalid interpretations founded on whim or fancy, that a methodical, linguistic approach by an informed writer is an important contribution to knowledge. There have been a few others—but they are all too rare. Kenny's book is, in fact, the first exclusively Maryland Indian place-name volume.

During the period of exploration and settlement, the English encountered the Conoy (Piscataway) and Nanticoke Indians, as well as certain Powhatan affiliates, living on the Maryland waterways. Culturally related to the Nanticoke were the Choptank, Pocomoke, Assateague, and other bands found on the Eastern Shore. Many of the Maryland Indian communities, as Kenny emphasizes, were named from the streams on which they were seated. Other Indians not native to the area—the Shawnee, Delaware, Susquehannock, Seneca, etc.—camped, hunted, or settled temporarily in Maryland. Today's problem is to relate some 315 existing place-names of Indian provenience to the particular Indians responsible for them; to identify the original places or physical features bearing the names; and to interpret the names without benefit of a grammar dictionary, or native speakers. Since the dialects of the Algonkian tongue spoken by the pre-literate Powhatan, Conoy, and Nanticoke are now extinct, verification of interpretations is difficult, and, in many instances, impossible. Furthermore, to complicate the problem, names have changed from one Indian place-name to another; from Indian to English and again to Indian; from a colonial name to Indian; and from an Indian name to English. The

About the Author

Hamill Kenny, who holds the Bachelor's and Master's degrees from Columbia University, and the Doctor's degree in English from the University of Maryland, has devoted many years of his academic life to the study of American place names. He is the author of *West Virginia Place Names, Their Origin and Meaning* (1945), the unique authority on its subject. He is also the author of literary and linguistic articles, one of which took him to County Longford, Ireland, where he investigated the true origin of the Gaelic place name, *Baltimore*. His West Virginia place name book was reprinted in 1960 by the West Virginia University Library in a special limited edition for West Virginia schools.

To write the present book, it was necessary for Dr. Kenny to study the Algonquian language. This he did for five years in the Catholic University Algonquian classes of the Reverend James A. Geary, well-known scholar in the field of American linguistics. It was necessary besides for the author to explore the topography of the Indian streams, estuaries and mountains of Maryland. Dr. Kenny estimates that in the course of this study he made at least one field trip to the locality of each of Maryland's 315 genuine Indian place names.

Dr. Kenny is pleased by the fact that his book is the first complete study ever to have been made of the Indian place names of Maryland. "Owing to their superficiality and lack of linguistic awareness," he declares, "most Algonquian place name studies fail to do justice to the Indians' cunning grammar and rich vocabulary." He adds, "In the present book I feel that, at long last, full justice has been done to the Algonquian place names of at least one representative area."

author cites typical examples of each type of change. Superfluous English generic terms, he also adds, have been attached to Indian place-names. *Susquehanna* means "smooth flowing stream," says Kenny, and on linguistic grounds does not need the word river tacked on. *Chesapeake* in Algonkian is translatable as "great shell-fish bay," and adding the English word bay to the Indian word is redundant.

Kenny's interpretative approach—to the extent it is practicable—is to apply what he terms the Comparative Method. The basis of the method is that there was once a common, original Primitive Algonkian parent language, which no Algonkianist would dispute. The trick, and it's a neat one if you can do it, is to reconstruct a Primitive Algonkian archetype from the cognate stems of the several known and recorded dialects, such as Fox, Cree, Menominee, Ojibway, and Abnaki, and then make phonetic inferences. Also, according to the author, the interpreter must be guided by two broad rules, (a) the earliest European spelling of an Indian word is probably the most phonetic one, (b) later spellings, often contrived, are the most corrupt and popular. For instance, as Kenny explains, the Rockawalking Creek does not refer to a Mr. Rock walking to town one day instead of riding (according to folk etymology), but the earliest recorded Algonkian forms *Rockawakin* and *Rokiawaken*, as assessed by the Comparative Method, can be postulated to mean "at the sandy ground." Kenny admits that the Comparative Method, or, in fact, any system will not eliminate uncertainties, and he states frankly that he refuses to cloak doubt under the recommendation of an unfounded meaning. This conservatism is the mark of a scholar for which Kenny is to be admired and commended.

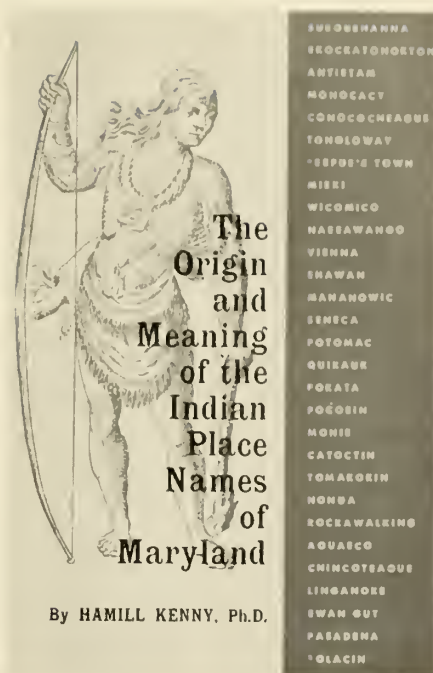
The book consists of two principal parts; first, an Introductory Essay dealing, among other things, with ethnology and tribal migrations. It also contains a separate note on a 17th century Algonkian grammar, dictionary, and catechism believed to have been com-

posed by Father White, but now missing. Investigators have long sought these lost writings, including Kenny himself, who searched the libraries of Rome on five different occasions without success.

Part two is the Dictionary containing 228 entries, each giving location, map or documentary spelling, previous opinions, and the author's own conclusions. There is also an Appendix containing 28 entries of "Extinct, Misspelled, Scantly Documented Names, Apparently Indian" supplied by William B. Marye, and 38 entries entitled "Words Found by Mr. William B. Marye in Patent Records for Land, Land Office, Annapolis."

In the first section, Kenny generously gives to *Bulletin 30* of the Bureau of American Ethnology (the so-called "Handbook") greater credence than most ethno-historians are willing to accord a work published more than 50 years ago, and in need of up-dating. For example, the contributors to the "Handbook" of data on the Maryland Indians were gravely in error in their appraisal of the Nanticoke (see fn. 45 of my *The Nanticoke Indians*, Penna. Hist. & Museum Commission, Harrisburg, 1948, a title missing from Kenny's bibliography).

The Dictionary will have to stand on its own merits, and Kenny will not expect full agreement on all of his interpretations, which, as previously indicated, cannot, at this late date, be verified and largely depend upon judgments. I am glad that he did not labor the theory that the name of the town of Vienna, Maryland is derived from a contraction of the Nanticoke Emperor Unaeokasimmon, which would be difficult to establish by the Comparative Method, and does not yield to proof by historic evidence. Although an Emperor's Landing may have been at Vienna (there were more than one Emperor's Landings in Maryland) it is far from certain that it honored this particular Algonkian potentate. Unaeokasimmon was succeeded as emperor by his brother Ohoperoon in 1687, who was succeeded by his nephew Asquash



in 1692. These successive aboriginal emperor "coronations" probably took place before Vienna was laid out.

Perhaps the patently non-Indian names in the Dictionary (Johns Hammoek, Handys Hammoek, Jamaica Point, Savage Mountain, Savage Neck, Locust Necktown, Paint Branch, and others) should have been separated from the true Indian words and listed as "pseudo-Indian." This is strictly a personal observation that in no way is intended to detract from Kenny's interesting and valuable syntheses of the Maryland place-names of indisputable Indian origin.

One listing in the Appendix is "Their Quankosine House," taken from a 1713 entry in the *Maryland Archives*. The author suggests this is "perhaps a contraction of goose (*kahnng*, *kahan-quioc*)" and lets it go at that. William B. Marye in two essays published in *American Antiquity* ("Former Indian Sites in Maryland As Located by Early Colonial Records, 2: 40-46, and "Burial Methods in Maryland and Adjacent States," *ibid.*, 209-214) cites *Quiankeson Neck* (on the Nanticoke River), *Cuiaskason Swamp* (on the Choptank River), and *Quacotion House Point* (on a branch of the Pocomoke River). These place-names are all seemingly derived from the *Quiocason*=*Chiacason* house, the burial temple, or charnel house, of the Maryland Indians. The survival of the word in its several vari-

ants is of utmost importance to the ethnologist and archeologist in tracing the geographical distribution of a mortuary custom that included bone scraping and secondary burial in ossuaries. It would have been of more than casual interest if the author had elected to reduce this word to English by the Comparative Method (it also occurs in the Carolinas and is recorded by Lawson as *Quicason*, and is found in the William Vans Murray 1792 vocabulary of the Choptank Indian remnants as *Quacasun-house*). I daresay the end product of a careful analysis of the several forms would kill the "goose."

Kenny's study reveals that the largest percentage of Maryland's surviving Indian place-names have reference to water, attesting to the fact that the local Indians lived on or near water, traveled by water, and depended upon fishing for a livelihood. Land names are second in importance, including words relating to hills, earth, and dwelling sites. Animals are third in number, e.g., beaver, gull, porcupine, goose, wildcat, possum, etc. Other names reflect plants, wearing apparel, ceremonies, weather, agriculture, and commerce.

The book is well indexed, which adds to its usefulness as a valuable reference work. The selected bibliography contains an imposing list of titles, indicative of the painstaking research that went into the preparation of one of the outstanding books of its kind.

REVIEWED BY DR. C. A. WESLAGER, a recognized authority on the ethno-history of the Delaware and Chesapeake Bay areas. He has served as past-president of the Archeological Association of Delaware and the Eastern States Archeological Federation. His latest book, to be published shortly by the University of Pennsylvania Press, is *Dutch Explorers, Traders and Settlers, 1609-1664*.

The Maryland Magazine gratefully acknowledges the courtesy of *The Maryland Historical Magazine* for permission to reprint this review.

Alumni Notes from page 5
work, how all members of the family work together, and the contribution that the women in the family make to home-making.

Soepandrijono Djojodiredjo, Chief of the Agriculture Service in East Java, Indonesia, noted that Mr. Roger Day worked very hard on his 75-acre dairy farm in Damascus, Maryland.

"It was very difficult for me to understand how one man could operate such a large area with just one helper," Djojodiredjo said.

"In my country, there would have been 10 helpers," he concluded.

Most of the course participants, all of whom spoke English, were immediately at home with the Maryland families. Their activities were varied and included everything from chores, such as dish-washing and feeding stock, to attending church and playing with the children.

Through the experience, Mr. and Mrs. Winfred Widdowson, of Princess Anne, Maryland, have begun correspondence with the family of their guest, Aurelio R. Salas, provincial agriculturist from Binan, Legune, the Philippines.

Salas and other foreign visitors visited high schools and attended group meetings within the area of their temporary homes and discussed the culture and life of their native lands.

Many letters have been received by the University of Maryland Extension Service which have indicated how various host families felt about their experience.

"... it was agreed that this was not only a rich experience for us to have been associated with Mr. Koeswarno Prodjodarsono, of Indonesia, but that this is an excellent way that we here in America may do much in the long run to create a much more wholesome international understanding of free men everywhere," a typical letter states.

According to William R. Gordon, AID's technical director for the extension program here, the University of Maryland Extension Service program was chosen as an example for the visitors because it is one of the oldest in the Nation. Maryland's extension work was begun in 1856.

Dr. V. R. Cardozier, Head of the Agricultural and Extension Education Department, was in charge of the short course program's content.

Course participants heard, as part of their study, a series of lectures from Dr. Thomas B. Symons, an internationally known expert on extension service work and Director of the University

of Maryland Extension Service from 1914 until 1950. Dr. Symons is presently Dean Emeritus of Agriculture and a member of the Board of Regents, which also serves as the State Board of Agriculture.

While course emphasis was given to extension supervision, participants were taught how information gained through research conducted by the College of Agriculture is communicated through the county agent to the farm operator, according to Professor Arthur B. Hamilton, who was in charge of arrangements for the group.

"We felt that the best way to accomplish this goal was to supplement course work on the campus with a first-hand contact with farm families—giving them an opportunity to work with county and home demonstration agents. Our objective was to give them an understanding of the functions of the College of Agriculture, home economics, the Experiment Station and resident teaching."

Representing their respective nations were three women: Mrs. Lourdes A. Florcruz and Miss Imelda U. Lavarez, the Philippines; and Miss Phung Thi Bach, Vietnam.

Mr. Aurelio R. Salas also represented the Philippines and Do Quang Giao was a delegate of Vietnam.

Participating from Indonesia were Mr. Djojodiredjo, Mr. John J. Tomaso, Mr. Koeswarno Prodjodarsono and Mr. Mas Sutama. Thailand's representatives were Mr. Dusit Sinthavalaya, Mr. Prakai Chitrakorn and Mr. Kungsdarn Devahastin.

The Republic of China's delegates included Mr. Yi Feng Tang and Mr. Yau Hung Chen.

Other participants were: Mr. J. Cusi-canqui of Bolivia, Mr. Jawad M. H. Al-Sharify of Iraq and Mr. Wook Don Han and Mr. Dong Wan Shin of Korea.

Maryland families, in addition to the Days, Reddishs and Widdowsons, who participated in the program were:

Mr. and Mrs. Hubert Null, Taneytown
Mr. and Mrs. Fred Ernst, Route 1, Clear Spring

Mr. and Mrs. Allie Messer, Route 2, Frederick

Mr. George A. Nicholson, Detour
Mr. and Mrs. George Stauffer, Walkersville

Mr. Oscar and Walter Schmidt, Centreville

Mr. Edwin Johnson, Comus
Mrs. Atlee Armour, Rising Sun

Mrs. John O'Mara, Marriottsville
Mr. and Mrs. Walter Gill, White Hall

Mr. Walter T. Morris, Jr., Chestertown, RD 2

Mr. Wayne A. Cawley, Jr., Denton

Mr. Calvin Compton, Port Tobacco
Mr. and Mrs. Thomas Snodgrass, Street
Mr. Henry Magness, Street
Mr. and Mrs. Earl Hutchinson, Cordova

College of

AGRICULTURE

A. B. Hamilton

INTERNATIONAL POLITICS

Galo Plaza, '29, returned to Washington as the special envoy of President Carlos Arosomena of Ecuador. Dr. Plaza assured President Kennedy and Secretary Rusk that his government is definitely "liberal."

President Arosomena made a convincing choice of envoys. Dr. Plaza is a highly respected friend of the United States, both here and at home. He was born in New Jersey and is a graduate of our College of Agriculture. Following graduation, he returned to his home in Ecuador and developed an outstanding herd of dairy cows.

Politics were in his blood and in 1948 he was elected President of Ecuador and was the first president to finish his constitutional term of office since 1925.

BROSIOUS BUILDS

William Brosius, '40, has joined the "They Said It Couldn't Be Done" Club by building and selling 70 attractive 3-bedroom homes at a cost of less than \$10,000.

Brosius' accomplishment was spotlighted in a cover story in the *NAHB Journal* of the National Association of Home Builders.

BUNTING JOINS HORTORIUM

Dr. George S. Bunting, '50, has joined the Botany staff of the L. H. Bailey Hortorium at Cornell University. His first assignment was a trip to Mexico for dried and living specimens of Gesneriaceae and Araceae for study at Cornell.

WITH OUR RETIRED

"What will I do when I retire?" This is not a frustrating question to our alumni.

W. T. Henerey was a research chemist for West Virginia Pulp and Paper Company for 25 years. After the usual farewell banquet, he became a teacher in charge of the Science Department at Garrett County High School.

R. S. Brown is the Agricultural Representative for the Easton National Bank.

Dr. T. B. Symons, Director of Public Relations for Suburban Trust Company, continues to come up with young ideas to keep the bank before the public.

Dr. S. H. DeVault, after ten years of retirement, produces a big garden at Paint Branch Farms, Silver Spring.

The author would like to hear of others who are enjoying their retirement.

STUDENTS MEET AG SECRETARY

Secretary of Agriculture Orville L. Freeman presented commendations for fine work to six Cooperative Extension workers who have completed study programs at the University of Maryland leading toward a Master's degree. Graduate students who met with Secretary Freeman were: Miss Barbara Smith, New York; Miss Virginia Griffin, Ohio; Miss Wanda Gumprecht, California; Donald Mitchell, Idaho; John Burbank, Nebraska; and James Kemp, Colorado.

MILLIGAN RETURNS

Dr. John L. Milligan, '46, has been appointed Associate Professor of Poultry in the College of Agriculture.

A native of Prince Georges County, Dr. Milligan has been Poultry Research Manager of the Ralston Purina Company, St. Louis, Missouri since 1951.

A prolific writer in the field of poultry science, Dr. Milligan served as a consultant with the U. S. Feed Grains Council and the Foreign Agriculture Service of USDA. Dr. Milligan has been assigned at times to visit Colombia, Venezuela and Mexico to help train local poultry people and help feed manufacturers.

HONORS FOR TRUITT

Retirement has given Dr. R. V. Truitt the time for even greater accomplishments. During the year he was elected to the American Hall of Fame in La-Crosse, to honorary membership in the Worcester County Historical Society, to the Presidency of the Queen Anne's County Historical Society, to honorary membership in the National Shellfisheries Association, and was awarded a plaque as Maryland's outstanding conservationist. Back of each of these awards, there is a story of a great Marylander!

STIER JOINS UNITED FRUITS

Dr. Howard L. "Jack" Stier, '32, has been named by the United Fruit Company to head their Quality Control Division at the Company's Boston office.

In announcing Dr. Stier's appointment, John M. Fox, Executive Vice President of United Fruit, said, "Quality assurance is one of the most important aspects of our marketing program."

United Fruit is one of the leading importers of bananas.

College of

ARTS AND SCIENCES

Staff of the College

FIRST POLICEWOMAN HIRED FOR P. G. COUNTY

Carole Ann Polley, '58, is Prince Georges County's first Policewoman. She will be assigned to the Juvenile Squad.

At the University Miss Polley majored in psychology and took her minors in sociology and criminology.

DR. SCHWEIZER RETIRES

Associate Professor Mark Schweizer of the Department of Foreign Languages retired in 1961 after being associated with the University since 1929.

He was born in the vicinity of Zurich, Switzerland and his first degrees were Swiss. At the University of Maryland he acquired an M.A. in 1931 and, in 1941, a Ph.D., with a thesis on the German poet Rilke.

A strongly-built man with an outdoor air about him, Dr. Schweizer is learned in many fields. He taught mostly German literature and language courses, and occasionally French. He is an authority on Germanic philology, Old and Middle High German. For years he contributed to Swiss magazines, chiefly poetry.

As a small boy, his interest in archeology was aroused by exploring Roman ruins. In 1957 the University's General Research Board awarded Dr. Schweizer a grant-in-aid to study the structure of the ancient Greek theatre. He conducted research in Greece, 1957-58. Now that he is retired, he plans to complete his book which will shed light on acoustical and other solutions to problems connected with the ancient Greek theatre.

Dr. Schweizer, with his wife Hedy, also from the Zurich area, divide their time this year between Cape Cod and Florida, where their three sons practice architecture jointly. The oldest son, Niels, was a protégé of Frank Lloyd Wright.

LANGUAGE APPOINTMENTS

Madame Cécile Johnson, a native of France, who taught at Sweet Briar for many years, is now Lecturer in French at Maryland. Teaching French and Spanish is Mr. Alejandro de Vanguardia, a graduate of the Naval Academy in Spain. He has taught in Montgomery County, the District of Columbia, and the 1961 Language Institute at Maryland. Another Spanish-born instructor is Mrs. Pilar G. Saénz, who has an M.A. from the University of Madrid

and another from Bryn Mawr College. She has served as Director of the Spanish House at Western Reserve University's Summer School. Mrs. Eulalia J. Herdoiza is now Instructor in Spanish after having served as Assistant in the University Spanish IV course. She has taught in her native Ecuador and studied at Quito's Universidad Central before coming to Maryland, where she took her M.A. and is now preparing a Ph.D.

A HARVEST OF PUBLICATIONS

Department of Foreign Language publications in 1961 touched on many fields. Dean Leon P. Smith contributed "A Newly Discovered Manuscript Fragment of the Old French Partonopeus de Blois" to *Modern Philology*, University of Chicago.

A *Critical Bibliography of 17th Century French Literature* contained contributions by Professors William R. Quynn and Leonora Cohen Rosenfield. The book, published by the Syracuse University Press, is volume III under the Editorship of David Cobein.

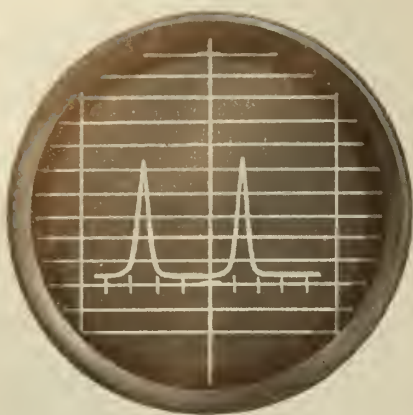
Dr. Quynn contributed to *Collier's Encyclopedia* a piece on "Jean Louis Guez de Balzac (1597-1654)." Dr. Rosenfield wrote a Preface to the Second Edition of Morris R. Cohen's *The Meaning of Human History*. The book, one of the Carus Lectures in Philosophy, was published in paper back, then in hard back by the Open Court Publishing Co.

Professor Alfred J. Bingham, for *Studies on Voltaire and the Eighteenth Century*, wrote an article entitled "The Recueil philosophique et littéraire (1769-1779)." Publication is in Geneva at the "Institut et Musée Voltaire."

Professor Marguerite C. Rand's article on "Lazarillo de Tormes, Classic and Contemporary" appeared in *Hispania*. Mrs. Pilar G. Saénz's "Three Tragedies by Federico Garcia Lorea" in the *Alumnae Journal* of Trinity College. The *German Quarterly* brought out an "Appraisal of Teaching Beginning German by Closed Circuit Television" by Dr. Philip Rovner. Dr. Rosenfield's "Mysticism and Rationalism in Morris R. Cohen" was published by *The Personalist*, University of Southern California. Her review of "Aram Vartanian's Critical Edition of La Mettrie's *L'Homme Machine*" appeared in *The Romantic Review*.

Dr. Henry Mendeloff's chapter "A Modern Foreign Language Program for the High School" came out in a volume published by the Catholic University Press, reporting on that University's Foreign Language Workshop conducted in June 1960.

Mr. C. C. Chen has been asked to serve on the Advisory Board to edit a textbook of *Selected Readings in Chinese Literature*. The sponsorship will be by the American Association of
(Continued on next page)



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Teachers of Chinese Language and Culture, under grant from the Ministry of Education of the Chinese Nationalist Government. The book will compile selections in Chinese from representative types of Chinese literature, with explanatory notes in English.

Dr. Graciela P. Nemes has been invited to contribute an article for the memorial volume to be published in India celebrating the Rabindranath Tagore centenary. Contributors include several Nobel prize laureates. Mrs. Nemes will trace Tagore's influence on the Spanish poet Jiménez.

Dr. Douglas W. Alden, Head of the Department of Foreign Languages, is General Editor of the 1961 Bibliography for the *Study of Contemporary French Literature*, joint publication by the French VII Section of the Modern Language Association of American and the French Institute in New York.

College of
**BUSINESS AND
 PUBLIC
 ADMINISTRATION**

Dean James H. Reid

PERSONAL NOTES

Stuart Steiner, '59, is enrolled for the academic year 1961-62 in the graduate program of education and training in social work in the School of Social Welfare at the Florida State University.

David J. Kelly, '53, has been appointed KDKA Radio News Editor for Westinghouse Broadcasting Company, Inc., Pittsburgh, Pennsylvania.

Frank T. DeLauretis, '54, has been appointed Instructor in Economics at Lehigh University, Bethlehem, Pennsylvania.

Warren H. Eierman, '43, has been elected Senior Vice President of The First National Bank of Miami, Florida in charge of business development. Formerly a Vice President of The Hanover Bank in New York City.

Robert A. Will, '50, has been appointed Manager of Plant Location Surveys for the Austin Company, Engineers and Builders, Cleveland, Ohio.

College of
ENGINEERING

R. M. Ginnings

NEWS OF RECENT GRADUATES

David H. Carpenter (CE '55) is now working for the United States Geological Survey, located in the Engineering Building of the University of Maryland, College Park, Maryland.

Thomas R. Evans (EE '54) has joined White Electromagnetics, Inc., as a senior

engineer. He is now working as project engineer in the Research Division.

Tom is also lecturing in mathematics at the University of Maryland.

Peter G. Magiros (Ch.E. '51) received his Ph.D. from the University of Houston and is now working for Olin Mathieson Chemical Corporation. He presented a paper entitled "Entrainment and Pressure Drop in Concurrent Gas-Liquid Flow—Liquid Property and Momentum Effects" at the Seventh Midwestern Conference on Fluid Mechanics, Kellogg Center for Continuing Education, Michigan State University, East Lansing, Michigan.

College of
EDUCATION

Mary J. Ahalt

STUDENT ACTIVITIES

David C. Berry received the Advanced Graduate Specialist Certificate, the first person to complete the requirements for this program since it began in 1960.

The following students were candidates for Homecoming Queen: Jean Weaver (Queen), Elaine Ricca, Ruth Hatfield and Karen Moomey.

Charles Davis, senior in Education, is an alternate member of the team representing the University of Maryland on the TV program, "The College Bowl," appearing January 21, 1961.

Moses S. Koch, Dean of Essex Community College, received his Doctor of Education degree from the University of Maryland in June.

Mrs. Eleanor Pincus Karpe, a graduate student in the College of Education, has contributed an article "Cooking Capers" to *The Instructor Magazine* (October 1961 issue).

At the annual Honors Convocation of the University of Maryland one hundred and eight students were recognized as having attained outstanding scholarship.

Mrs. Robert W. Floyd, 27, Nursery School Teacher at Sligo Nursery School, formerly Nancy Darlene Hall who graduated from the University of Maryland, B.S., 1956, died on December 3 after an illness of three weeks. Nancy, following graduation, taught first grade at the Riverdale elementary school for two years. She was a member of Alpha Chi Omega sorority. Her hobby was painting.

John J. Tracy, Jr., graduate of the University of Maryland, 1961, completed the radio maintenance course at The Infantry School, Fort Benning, Georgia, on December 14. He entered the Army last July and completed basic training at Fort Dix. At Maryland he was a member of the Tau Kappa Epsilon fraternity.

FACULTY ACTIVITIES

Dr. Vernon E. Anderson, Dean of the College of Education, participated in a panel on curriculum at Columbia University which was sponsored by the Department of Curriculum and Teaching, discussed with the supervisors and principals of Anne Arundel County the subject of curriculum and addressed the Maryland Congress of Parents and Teachers 1961 Convention in Baltimore on the subject "Exciting Developments in Curriculum Improvements."

Dr. Jean Grambs, Associate Professor in Education, addressed the Metropolitan Washington Chapter of Delta Kappa Gamma on the highly controversial subject, "Education for Women."

Dr. Orval L. Ulry, Professor of Education and Director of Summer School, addressed the Buck Lodge Junior High School PTA on "Education in the Sixties—New Developments."

Dr. Walter B. Waetjen, Professor of Education, Institute for Child Study, reports the following publications: (from professional publications) "Some Factors Influencing Learning," "Myth and Fact About Learning," "Myths About Learning," "Learning—Myth and Fact," "Helping Youth Achieve Educational Goals." (*Education, Educational Leadership, Baltimore Bulletin of Education, Pedagogical Reporter, The Maryland Teacher.*) He also contributed the following, *Human Variability and Learning*, ASCD March 1961 and *Research Frontiers in the Study of Children's Learning*, May 1961, University of Wisconsin Milwaukee Research Bulletin.

Dr. Gladys S. Wuggin, Professor of Education, participated in the Library Workshop under the sponsorship of the USAREIR Special Services. She discussed the topic "Education Courses for Post-Military Career."

College of HOME ECONOMICS

Dean Selma Lippeatt

COLLEGE NOTES

Dean Selma F. Lippeatt served as home economics consultant for two conferences of the Food and Agriculture Organization of United Nations held in Rome and Geneva November 21-28.

Ruth Lee Clarke, Council President, discussed alumni relations with seniors in the College of Home Economics in November.

Presently Mary Root, a graduating senior, is preparing special recipes for use with patients suffering from phenylketonuria. This disease, discovered only recently, is currently found in infants and is known to be one cause of mental deficiency. The work in the College is being done under the direction of Mary S. Eheart in the Department of Food and Nutrition.

T. Faye Mitchell, Head of the Department of Textiles and Clothing, has been granted a three-months leave for a study-tour of the Far East effective February 20.

A Gourmet Food Institute, co-sponsored by the College of Home Economics

and University College, will be held on Saturday mornings from February 17-May 2. The varied program seeks to combine a humanistic and aesthetic approach to food. Ruth Sheldon and Rosemary Cornelius will be directors, assisted by the College faculty and staff.

Erna Riedel Chapman was appointed in October to the position of Supervising Director of Home Economics, D. C. Public Schools. At the same time she was named State Director of Home Economics for the District of Columbia.

School of LAW

Dr. G. Kenneth Reiblich

The annual banquet of the Alumni Association of the Law School will be held on Saturday evening, April 7 at 7 P.M. at the Sheraton Belvedere Hotel in Baltimore. Except for the annual election of officers, the entire banquet will be dedicated to the honor of Dean Roger Howell who is retiring at the end of June 1962. The toastmaster will be Hon. Emory H. Niles, Chief Judge of the Supreme Bench of Baltimore City (law class of '17) and outgoing President of the Alumni Association. The principal speaker will be Professor A. James Casner of the Harvard Law School, who was a professor at Maryland from 1930-35.

For election at the banquet, the nominating committee, consisting of Hon.

(Continued on next page)

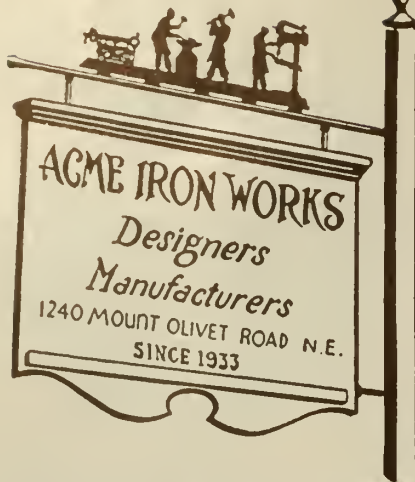
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Mary Arabian, '44, Wilmer H. Driver, '32, Hon. Edwin Harlan, '34, George V. Parkhurst, '33, David S. Sykes, '35, has nominated the following alumni for the following offices for the year 1962-63:

President, Hon. W. Albert Menchine, '29

First Vice-President, Hon. Joseph L. Carter, '25

Second Vice-President, Thomas N. Berry, '40

Third Vice-President, Samuel J. Fisher, Esq., '09

Secretary-Treasurer, G. Kenneth Reiblich, '29

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Frederick R. Buck, Esq., '49

Clare Green Duckett, '34

Benjamin A. Earnshaw, Esq., '38

Fred C. Malkus, Esq., '38

James A. Pine, Esq., '44

Emmas S. Robertson, '40

H. Paul Rome, Esq., '21

Hon. Edward D. E. Rollins, '22

Any additional nominations made under the constitution may be submitted to the Secretary, Prof. G. Kenneth Reiblich, at the University of Maryland, School of Law, Redwood and Greene Streets, Baltimore 1, Maryland.

School of MEDICINE

Dr. John Wagner

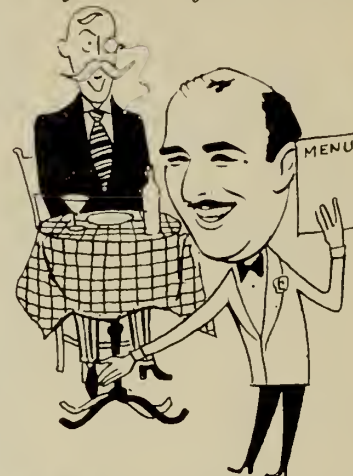
HOWARD HALL

Dean Stone announces the beginning of remodeling of Howard Hall, the new Basic Science and Research building. Remodeling is to take about a year, with occupancy expected Feb. 1, 1963.

MEDICAL ALUMNI IN THE NEWS

Kermit E. Osserman, M.D., widely known for his work in myasthenia gravis, received a prize from the American Medical Association for his research and for the excellence of his exhibit on myasthenia gravis at the 1961

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Annual AMA Convention in New York. Dr. Osserman is the author of a scientific article on myasthenia, appearing in the January 1962 edition of the *Bulletin of the School of Medicine*.

DOCTOR OPERATES AT SEA

Dr. Phillip A. Insley, MD '34, a Salisbury surgeon, performed a major operation on the passenger liner S.S. United States.

The liner was about 400 miles off the coast of Ireland en route to New York from England when Dr. Insley removed a blood clot from the leg of a seaman. The ship's doctor was an internist and not a surgeon, and so he was asked to perform the operation.

MEDICAL ALUMNI DAY

Appropriate attention is being given the program for the annual Alumni reunion by a Committee composed of Drs. C. Parke Scarborough (Chairman), D. Frank Kaltreider, and Ephraim T. Lisan-sky. A detailed program will be mailed each alumnus. The Reunion will convene on June 7.

HONOR ALUMNUS FOR 1962

A Committee headed by Dr. Austin H. Wood has nominated Dr. Arthur Raymond Casilli of the Class of 1914 to be the recipient of the 1962 Alumni Honor Award and Gold Key.

Dr. Casilli, a native of Italy, served his internship at the Newark City Hospital and has since practiced pathology in the vicinity of Elizabeth, N. J., for many years.

FIFTY YEAR GRADUATES

At the ceremonies on Alumni Day, members of the Classes of 1912 will receive their 50-Year Certificates. It is highly desirable that as many of the Class of 1912 as can make the trip to Baltimore will be present at the ceremonies to receive in person the 50-Year Honor Certificate. The Alumni of the Class of 1912 of the three schools is listed below.

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Pickens, S. C.
Geo. Cullen Battle
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Sidney Eli Buchanan
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(Continued on next page)



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School of

NURSING

Joan White

DR. SANDERSON, ASSISTANT DIRECTOR

This Fall the Nurses Alumnae Association introduced Dr. Marjorie E. Sanderson to its membership. Dr. Sanderson is Assistant Director of Nursing Resources at University Hospital this year. She completed her doctoral studies at Teachers' College in 1960 and has had extensive experience in the field of nursing service. The thesis of her talk with the Alumnae circumscribed around where was the University, where is the University, and where will be the University. Growth in the physical setting was depicted with slides, and Dr. Sanderson illustrated the future hopes for University Hospital.

FACETS OF NUCLEAR NURSING ILLUSTRATED

The Alumnae were privileged to hear LCDR. L. Simon, Head, Division of Nuclear Nursing, Department of Nuclear Medicine at the U. S. Naval Medical School in Bethesda, Maryland. Of the many facets in Nuclear Nursing illustrated, it was interesting to hear that over one million patients receive radioactive isotopes per year, of whom 90% receive them for diagnostic purposes and 10% for therapeutic purposes. The implications of these figures are obvious to the changing world of nursing.

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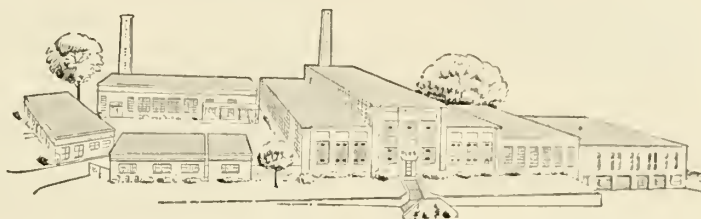
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Maryland School of Nursing, was presented with the Silver Service Recognition Award at the annual meeting of the Maryland Heart Association on November 30, 1961. This award was for "grateful recognition of dedicated service in advancing the fight against diseases of the heart and circulation."

School of

PHARMACY

Dr. Norman J. Doorenbos

Dr. B. Olive Cole

FACULTY NOTES

Dr. Raymond M. Burgison, Associate Professor of Pharmacology, has been honored recently by his appointment as a Consultant in Chemical Pharmacology to the National Institute of Mental Health, and as a member of the National Advisory Council on Preclinical Psychopharmacology of the N.I.M.H. Dr. Burgison has recently become a member, also, of the International Advisory Board of the new journal: *Chemotherapy Research Bulletin*.

Two eminently successful textbooks written by members of the Department of Pharmacology have recently appeared in new editions. *Pharmacological Principles of Medical Practice* by John C. Krantz, Jr. and C. Jelleff Carr is now in its 5th edition, published by Williams & Wilkins Co., Baltimore. The second edition of *Modern Pharmacology and Therapeutics* by Ruth D. Musser and Joseph G. Bird has been published by the Macmillan Co., N. Y. Mrs. Musser is Assistant Professor of Pharmacology. Dr. Bird is an alumnus of the School of Medicine and received his Doctor of Philosophy degree in the Department of Pharmacology.

Drs. Harutada Ninomiya and Moritz Michaelis attended the First International Pharmacological Meeting held in Stockholm, Sweden during the summer. Drs. Ninomiya and Michaelis described their experiments relating to the biochemical mechanism of shock and disturbances of dehydrogenase activity derived therefrom.

FACULTY ATTEND NATIONAL MEETINGS

Dr. Francis M. Miller, Professor of Pharmaceutical Chemistry, attended the Seventeenth National Organic Chemistry Symposium at Indiana University. This five-day meeting, in which new ideas and discoveries in the field of organic chemistry were discussed, was sponsored by the American Chemical Society.

During the past summer Dr. Ralph Shangraw, Assistant Professor of Pharmacy, represented the University of

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Maryland, School of Pharmacy, at the Pharmacy Teachers Seminar held at the University of Wisconsin from July 9th to 15th. The conference, sponsored by the American Association of Colleges of Pharmacy, specifically concerned the content of the professional courses in the new five-year pharmacy curriculum which became mandatory for all schools of pharmacy in 1960.

The first section of the program consisted of a study of course syllabi, in particular those pertaining to physical pharmacy and dosage form evaluation. A majority of the seminar consisted of technical talks on problems of interest to pharmacy educators. These included lectures by Dr. Joseph Swontowsky of Smith, Kline and French Laboratories on sustained release medication and biologic half-life, Dr. Kenneth Wilson of the U.S. Army Chemical Center on percutaneous absorption, Robert Mattoon of Abbott Laboratories on Formation and Properties of Films, and Dr. Lewis Shanker of the National Heart Institute on absorption from the intestinal tract.

Preceding the pharmacy seminar, a two-day meeting of the History of Pharmacy teachers was held and Dr. Shangraw also attended these meetings.

Dr. Nicolas Zenker, Assistant Professor of Pharmaceutical Chemistry, attended the First Annual Conference on Pharmaceutical Analysis in Land O'Lakes, Wis., September 17-20, 1961. The meeting was sponsored by the University of Wisconsin Extension Division in cooperation with the School of Pharmacy of the University of Wisconsin.

The first day of the meeting was devoted to a discussion of fluorescence analysis. After the presentation of theoretical aspects of fluorescence by R. T. Williams and S. Udenfriend, practical aspects of fluorimetric analysis and X-ray fluorescence were discussed.

On the second day of the meeting, basic gas chromatographic theory was explained by Dr. Dal Nogare. After a discussion of modern gas chromatographic instrumentation, the usefulness of gas chromatographic techniques was illustrated by its applications on biochemical and pharmaceutical analysis.

The meeting was concluded with a discussion of the status of the pharmaceutical analyst and the organization of analytical facilities in the pharmaceutical industry.

Mr. Dean E. Leavitt, Instructor of the School of Pharmacy at the University of Maryland, has completed on-the-scene studies of a modern drug store organization in Walgreen's sixth Seminar in Pharmacy Administration.

The two-week program held at the firm's headquarters in Chicago, June 19-30, included extensive discussion sessions with veteran Walgreen executives plus field trips through the company's stores, warehouse, and drug and cos-

metic manufacturing laboratory. With Mr. Leavitt were faculty representatives from 13 other leading pharmacy colleges.

The over 30 different business subjects under study ranged from effective store design to personnel selection and training, to merchandising, advertising, tax and legal questions.

As a meeting ground between educators and business administrators, Walgreen's Seminar offered the forum for a stimulating exchange of ideas on the business aspects of pharmacy. Many new concepts in current retailing techniques, covered in the Seminar, will be incorporated in classroom study this fall to further help students prepare for successful drugstore management.

Dr. Frank J. Slama, Professor of Pharmacognosy, attended the annual meeting of the American Society of Pharmacognosy which was held at the University of Houston. Various papers were presented, as for example, "Opportunities for Ph.D. Pharmacognosists," "Thin Film Chromatography," "Uridine Nucleotides in Glycoside Biosynthesis," "Chemotaxonomy of Select Groups Within the Coniferae"; also research on southwestern drug plants and pharmacognosy of the recently accepted anti-cancer plants.

APPOINTMENT OF DR. THOMPSON ANNOUNCED

The appointment of Dr. Robert E. Thompson as Director of the Schering Corporation's Research and Development Division, at Bloomfield & Union, N. J., has been announced by Dr. Harry M. Weaver, Vice-president. Dr. Thompson will also be responsible for the transition from research to full production of all pharmaceutical compounds marketed by the Schering Corporation.

Dr. Thompson received the B.S. degree in Pharmacy and the M.S. and Ph.D. degrees in Pharmacology from the University of Maryland, and served as assistant pharmacologist in the School of Pharmacy from 1938 to 1943.

For some fifteen years he served as chief research pharmacologist and director of pharmacy for the Armour Pharmaceutical Company.

UNIVERSITY COLLEGE

G. Allen Sager

COMPLETES MBA AT UNIVERSITY OF PITTSBURGH

Mr. Dominic Paul Mainieri, '57, B.S. in Military Studies, has completed requirements for the Master of Business Administration at the University of Pittsburgh.

In a recent letter to Dean Leon Smith of Maryland's College of Arts and Sciences, Dr. Paul B. Kohberger,
(Continued on next page)

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Director of Graduate Programs for the Pittsburgh Graduate School of Business, praised the Maryland program. He said:

"Mr. Mainieri's scholastic achievement was above average, and, in the future, we certainly would like to see young men of the same calibre entering our graduate program from your school."

Mr. Mainieri completed his degree requirements in the spring of 1957 while stationed at Mildenhall, England.

COLONEL GEORGE B. SIMLER

Colonel George B. Simler, '48, has been assigned recently as the Commander of Kadena Air Base, Okinawa. This base, the largest in the Pacific Air Forces, is also an important center of the University's Far East Program. Kadena's Education Services Program, headed by Philemon E. Head, is one of the leading programs in the Far East, with a current Maryland enrollment of 575. Colonel Simler expressed his views in these terms: "I am interested, not only as a Maryland graduate, but also as a commander who appreciates the genuine value of the program in helping meet the educational requirements of the Air Force."

PERSONAL NOTES

Major Roman J. Lutz, '58, has been promoted to Associate Professor at the State University of Iowa.

Major Edward F. Rudowske, '57, has been assigned to Robins Air Force Base as Commander of Headquarters Squadron Section.

Major Daniel J. Murphy, '60, is assigned to the U. S. Army Element, Defense Communications Agency, in Washington, D. C.

Lt. Col. William L. Brinson, '56, has been selected as Commander of one of the United States Air Force's first all-jet strategic airlift units, the 44th Air Transport Squadron.

Major Jerome J. Repsher (USA), BS '59, is completing an assignment in Cambodia. He was recently promoted from the grade of Captain.

Chaplain (Lt. Col.) Allen R. Fredine, BS '57, is completing a tour with the U. S. Army in Korea. He is a 1936 graduate of Bethel Theological Seminary, St. Paul, Minnesota.

A former University College student, Mr. Martin G. Heller, has formed the Heller Industries, Inc. to manufacture precision devices for the electronics industry. Mr. Heller has since done grad-

uate work at the New York University College of Engineering.

Mr. Douglas A. Nemier, BA '61, is now pursuing a master's degree in History at the University of Maryland. He was recently initiated into Phi Alpha Theta, honorary history fraternity, and Pi Alpha Sigma, honorary Political Science fraternity.

Lawrence E. Arnold, UC '58, recently completed the commissary operations course at Fort Lee, Virginia. He is also a 1933 graduate of Blinn Memorial College, Brenham, Texas. His home is in San Antonio.

Lt. Col. Charles F. Austin, UC '58, recently completed the Senior Officer Advanced Operations Course at the Command and General Staff College, Fort Leavenworth, Kansas. He also holds a master's degree in Business Administration from Howard University.

COMPLETED CAREERS

AUGUST KIEL, JR.

The death of Dr. August Kiel, Jr., on October 4, 1961 came as an inexplicable tragedy to all those who knew him. Only 37 at his death, Dr. Kiel was one of the young, able members of the Department of Neurosurgery. In a few short years he had endeared himself to a host of friends and grateful patients.

Born in Baltimore, Dr. Kiel graduated from Baltimore Polytechnic Institute and Loyola College. He then entered the University of Maryland School of Medicine and was a member of the class of 1946. After his rotating internship at Mercy Hospital, Baltimore, he served as a medical officer in the Navy for two years. On his return to civilian life he took a year of general surgery at Mercy and then entered the Neurosurgical Residency program at the University Hospital, Baltimore. Upon completion of his Residency, Dr. Kiel entered the private practice of Neurosurgery in Baltimore, being affiliated with six hospitals and being in charge of the Neurosurgical Service at Mercy Hospital.

Throughout his years in practice, Dr. Kiel was respected for his professional ability and his unsophisticated, honest appraisal of patients and problems; but it was his gentle kindness that made his patients look upon him as something more than a physician. Although, when necessary, he would point out an error or injustice without undue restraint, this was done with such understanding that he invariably retained the friendship of "the opposition." This understanding and kindness was felt and appreciated

(Continued on next page)



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by all those with whom he came in contact, whether patient, professional associate, or house officer.

To those who knew him well, Dr. Kiel's sense of humor was legendary. Never one to miss the opportunity of a humorous situation, or make one if necessary, he kept every one from taking himself or his situation too seriously. And yet, as the true Christian he was, his "needles" had no barbs, his caricatures no malice.

Truly his widow and four sons may be justly proud of his memory and those of us fortunate enough to know him will long remember his example. Perhaps the most fitting tribute is the recollection that in our 12 years of close association, we had one argument—I was wrong—he apologized.

ROBERT M. N. CROSBY, M.D.

MAURICE FELDMAN

Maurice Feldman, '16, of Baltimore, died on the 21st of October 1961. He was 68.

For many years Dr. Feldman served as Assistant Professor of Gastroenterology at the School of Medicine and in this specialty he was also certified by the American Board of Gastroenterology. Dr. Feldman was the author of four editions of a textbook entitled *The Clinical Roentgenology of the Digestive Tract* and at the time of his death a fifth edition was in preparation. For many years Dr. Feldman was active in the practice of radiology. He was also in considerable demand as a lecturer, both at home and abroad. He was the founder of the Medical Research Club of Baltimore and was the author of many scientific papers concerned principally with his own research relating to the roentgenology of and treatment of diseases of the gastrointestinal tract. He is survived by his wife, Mrs. Bertha Feldman and two sons, Dr. Charles Feldman of Alexandria, Va., and Dr. Maurice Feldman, Jr., of Baltimore.

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JOHN W. ALBRITTAIn

John Warren Albrittain, '35, Captain, Medical Corps, U. S. Navy. He was stationed at the Bureau of Medicine and Surgery in Washington.

SUSANNE STERLING

Susanne Sterling (Mrs. Robert Ashton), '31, of Baltimore, Md. Dr. Sterling was 52.

A native of Crisfield, Md., she served her internship at the Hospital for the Women of Maryland and the Baltimore City Hospitals and was later resident in obstetrics at the Union Memorial Hospital.

BENJAMIN S. ABESHOUSe

Dr. Benjamin S. Abeshouse, who for many years taught urologic pathology at the School of Medicine, died recently. Dr. Abeshouse served as Urologist-in-Chief of the Sinai Hospital.

DR. EMMET R. BUCKLEW

Dr. Emmet R. Bucklew, Med. '04, died at Veterans Administration Center, Mountain Home, Tennessee.

Dr. Bucklew practiced medicine for nearly fifty years in Taylor County, West Virginia, specializing in major surgery.

MAJ. GEN. RUSSELL P. HARTLE

Major General Russell P. Hartle, '10, who led the first contingent of American troops into Europe in World War II, died at 72.

Gen. Hartle retired in 1946 after 36 years of service. He was a resident of Hagerstown, Maryland.

JOSE DAVILA LOPEZ

Jose Davila Lopez, '42, of Ponce, Puerto Rico. Dr. Lopez was a diplomate of the American Board of Orthopedic Surgery and a Fellow of the American College of Surgeons. He was a member of the American Medical Association and of the Puerto Rico Medical Association.

(Continued on next page)

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• COLLEGE PARK, MD.

Cornelius Whalin, LL.B. '38, an Attorney for Prince Georges County and Councilman for College Park, died at the age of 46.

Mr. Whalin was active in the Hyattsville Civitan Club, past Governor of the Chesapeake district of Civitan International, Vice President of the Salvation Army Board in Prince Georges, and a member of the Presbyterian Church.

DR. F. L. MCCARTNEY

Frank L. McCartney, who received the Phar. D. degree from the Maryland College of Pharmacy (now the School of Pharmacy, University of Maryland) in 1903, died at Sarasota, Florida, on September 12, 1961, at the age of eighty.

He began his career as a prescriptionist with Hynson, Westcott & Company, Baltimore, and was with Sharp & Dohmne in their laboratories in Baltimore and later in New York in charge of sales in Greater New York, Long Island, West Chester and New Jersey.

During World War I Dr. McCartney was Captain in the Medical Department, U. S. A. as buyer of drugs and chemicals; then as Major in charge of General Purchasing Office of Medical Department, Washington, D. C.; and finally, after the Armistice, was assigned to P. S. & T. General Staff in cancellation of war contracts, as Lt. Col. N.A.R.C.

He was with the Monsanto Pharmacal Company from 1919 to 1924, and with the Norwich Pharmacal Company from 1924 to 1946, of which he was president from 1938 to 1946.

On June 8, 1946 he was the recipient of the honorary degree of Doctor of Science by the University of Maryland.

Dr. McCartney was a life member of the American Pharmaceutical Association and held membership in many other pharmaceutical organizations. He was a loyal and interested member of the Alumni Association of the School of Pharmacy, University of Maryland.

OTHER DEATHS

David B. Greengold, MD '36, of Pittsfield, Mass.

John C. Woodland, Pharm. '11 and MD '15, of Morehead City, N. C.

Robert F. Kenty, '53-'55, of San Diego, Calif.

Robert A. Carrigan of Silver Spring, Md. Morris Bernard Schreiber, '29, of Ellamont Rd., Baltimore, Md.

Morris Tannenbaum, '29, of Bronx, N. Y.

Ellsworth E. Light, '16, of Alton Bay, N. H.

William C. Williams, '17, of Hillsville, Va. Dr. Williams was 73.

Francisco Franceschi Caballero, '19, of San Juan, Puerto Rico. Dr. Caballero specialized in gastroenterology.

Charles R. Goldsborough, '19, of Baltimore, Md.

George Gregory Keefe, '22, of Hartford, Conn.

Lawrence Wells Lawson, '22, of Logan, W. Va.

Marion Y. Keith, '23, of Greensboro, N. C.

A. L. Daughtridge, '24, of Rocky Mountain, N. C. Dr. Daughtridge was 60.

James Joseph O'Connor, '07, of Olyphant, Pa.

George Delbert Johnson, P & S '08, Huntington, W. Va. Dr. Johnson was 78.

Scott J. Titus, B.M.C. '08, of Jefferson, Pa. Dr. Titus was 78.

Harold Henderson Talbot, P & S '09, of Toronto, Ohio. Dr. Talbot was 76.

Cleland Granger Moore, '09, of Glendale, Calif. Dr. Moore was 78.

James Costas Diaz, '10, of Ponce, Puerto Rico.

William Brandon, '14, Statesville, N. C. Dr. Brandon was 72.

James I. Justice, '15, of East Liberty, Ohio.

Frederick Stephen Senning, '47, of Arnold, Md.

James F. Condron, '48, Philadelphia, Pa. Harry M. Mattax, '49, Salisbury, Md.

SCHOOL OF PHARMACY (SINCE JUNE 1961)

John P. Corbett, Ph. G.

Clara Herskowitz, Ph. G.

M. Ellsworth Kauffman, Phar. D.

Leroy Reichert, Ph. G.

George Lemke, Phar. D.

Edwin A. Schmidt, Ph. G.

Katherine Parker Gakenheimer, B.S. in Pharmacy.

William Henry McGreevy, P & S '97, of Jamaica, Long Island. Dr. McGreevy was 95.

Benjamin Franklin Moyers, B.M.C. '97, of 6901 Pineway, Hyattsville, Md. Dr. Moyers was 90.

W. E. Eehols, B.M.C. '98, of Richwood, W. Va.

Charles Edward Snyder, '02, of Stevensville, Md. Dr. Snyder was 81.

A. Lee Hickok, B.M.C. '03, of Birchardville, Pa. Dr. Hickok was 84.

Frank S. Cooper, '03, of Roanoke, Va. John Flynn, P & S '04, of Erie, Pa. Dr. Flynn was 87.

John W. Parker, Jr., '05, of Jacksonville, Fla. Dr. Parker was 81.

John Pierson, '05, of Baltimore, Md.

Henry Blank, '06, of Aurora, Col.

John Joseph Egan, '07, Waterbury, Conn.

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Alumni Publication of the University of Maryland

Maryland magazine



Volume XXXIV Number Two • March-April 1962

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the **Maryland** magazine

Alumni Publication of the University of Maryland

Volume XXXIV

Number 2



THE COVER: A new dormitory complex is being constructed on the northern fringe of the College Park campus. Already in use are Centreville Hall, the large, nine-story building on the right; Cambridge Hall, the five-story building to the left; Chestertown Hall, facing Cambridge Hall; Bel Air Hall, behind Chestertown (not visible); and the Dining Hall, the low building located in the center of the quadrangle. Cumberland Hall, to face Centreville, is now under construction and will be completed this Fall. When completed these five residence halls will house approximately 1,600 men and women students. PHOTO BY AL DANEGGER.

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THE ALUMNI DIARY

JOHN GLENN IS A FORMER STUDENT OF THE UNIVERSITY OF MARYLAND. He did not take many courses with us, but, like everyone else, we can take credit for the great achievement of a national hero.

On the day of the historic triple orbit, I made one of my many journeys to Baltimore. A marker which I had passed a thousand times caught my eye. It contained the simple quotation "What hath God Wrought!" commemorating the first telegraphic message sent by S. F. B. Morse on May 24, 1844. The message went to Baltimore from the old U. S. Supreme Court Room in the U. S. Capitol. Little did anyone dream that this message would some day be a vital part of man's penetration into the unknown.

As I am carried about in the whirlpool of activity which is the thirteenth largest educational institution in our great Country, and as I reach out to the thousands and thousands who have walked through these doors, I must reflect on the wonders which education has provided. Each of us can recall experiences, inspirations, determinations, and a setting of the sights, achieved at the knee of someone admired, respected, or even revered. There is always a hand to take for the next step if we are willing to grasp it.

Many are the mysteries of the future and always the horizon will lengthen if we continue to hack away. Those who have visited the tropics will know that if you discontinue your labor, the jungle will soon again close in upon the clearing you have made. So it is that we who remain a part of the University family are joined by those whose minds have been trained in this and other institutions to retain the cleared spaces and to extend the boundary. We add to and build upon the efforts of others who have labored before us.

We of the Alumni Association, of the University and of the many community families fall into a pattern. We have progressed on both trial and error, and on planned and proper organization. America, using much the same process, has moved ahead on the strong back of our educational system. Even the most fertile ground will not produce without first being cleared, conditioned and cultivated. So it is with the human mind. Perhaps this is why we know and appreciate the role of the University in our lives and of our debt to those who were such an important part of our growing and achieving process.

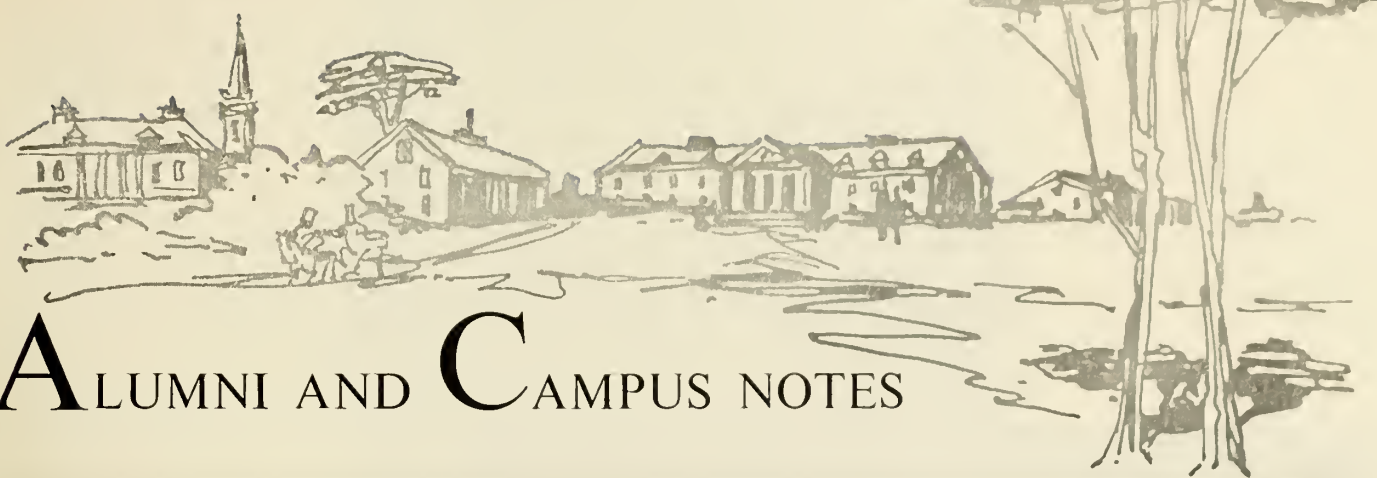
Col. Glenn is one who has heaped praise upon the backs of thousands of others who made it possible for him to establish an historic milestone. He might well prefer another marker which would say, "What hath God wrought!" Few would quarrel with such a reaction or desire. Rather, there may well be another land or space marker which could read "The world is now a neighborhood!"

Even now, man has only a dim view, but who knows, there may yet be on our campus the student, the faculty member, the future alumnus, upon whom the eyes of our Country, our Planet, our Galaxy may some day be focused. We must find him, serve him, and send him forth. Without education, the end is in sight! With education, there is no end!

Sincerely,

DAVID L. BRIGHAM
Alumni Secretary

ALUMNI AND CAMPUS NOTES



UNIVERSITY CALENDAR OF ACTIVITIES

MARCH

- 1-3 Basketball, ACC Tournament, Away.
- 8 S.U. Classical Film Series: *Devil in the Flesh.*
- 8 National Symphony.
- 14 S.U. Cultural Series: *A Program on Space Exploration.*
- 16 S.U. Dance.
- 21 Orchestra Concert.
- 25 Maryland Day.

APRIL

- 4 S.U. Cultural Series: *Author's Party.*
- 10 Band Spring Concert.
- 12 S.U. Classical Film Series: *Rocket from Calabuch.*
- 19 Easter Recess Begins After Last Class.
- 24 Easter Recess Ends, 8 a.m.
- 25 S.U. Cultural Series: *The Arts.*

MAY

- 1 May Day.
- 8-11 SGA Cultural Series: *Opera.*
- 10 S.U. Classical Film Series: *Open City.*
- 16 AFROTC Observance.
- 16 S.U. Cultural Series: *Test Tube Life.*
- 17 Outdoor Band Concert.
- 23 Orchestra Concert.
- 30 Memorial Day, Holiday.

Highest Ranking Student is 18 Years Old

Cadet Lt. Colonel William Bridges Smith, currently serving as Inspector General for the University of Maryland AFROTC Cadet Division, has recently been selected to *Who's Who in American Colleges and Universities*. Mr. Smith will graduate from the University of Maryland in June, 1962 at the age of 18 with a degree in Electrical Engineering. He will also be commissioned a Second Lieutenant in the United States Air Force upon graduation in June. Mr. Smith is currently the highest ranking male student at the University with a grade average of 3.92.*

Mr. Smith's accomplishments at the University include the following awards: Handbook Award for highest average in Freshman Chemistry; Reserve Officers Association Medal for top Sophomore AFROTC Cadet academic average; Dinah Berman Medal for top sophomore engineering academic average; Handbook Award for top sophomore physics average; and First Honors Convocation for outstanding academic record. (4.0 sophomore average.)

* As computed in the selection of candidates for Phi Kappa Phi, national university-wide scholastic honor society.



Mr. Smith

His participation in campus activities include: Secretary, ODK; President, HKN; Senior Advisor and Vice President, OHE; Publicity Chairman, TBTI; Pledge Chairman, Scabbard and Blade; Member, OKO; President, Chess Club; Captain, Chess Team; Vice President, Society of American Military Engineers;

Member, Institute of Radio Engineers; Member, University Club; Member, Society of Advancement of Management; Member, Canterbury Society; State Treasurer, D.C. State Society. Children of American Revolution; Graduate, Cadet Leadership Academy; and Justice, Central Student Court.

Mr. Smith has travelled over a great portion of the world with his father, Henry Leroy Smith, who was a military officer and military attache.

The Smiths reside in College Park, Maryland.

Alumnus Launches New Baseball Magazine

Bert R. Sugar, '57 has become editor and publisher of *Baseball Monthly*, a new national publication devoted to coverage of baseball exclusively. The new magazine, with offices at 514 10th Street, N.W., Washington, D.C., made its debut in February.

Sugar received his Bachelor of Arts degree at the University of Maryland in 1957 and an L.L.B. at the University of Michigan in 1960.

He lives in Washington with his wife, Suzanne Davis. They have one child, Jennifer Anne, one year old.

Baltimore Alumni Club to Meet at Student Union

As *The Maryland Magazine* goes to press, Virgil Horace Harrison, Associate Professor of Government and Politics, was scheduled to address the Alumni Club of Greater Baltimore on March 16th.

Professor Harrison, a noted authority on Latin American history and politics, was to discuss our relations with Latin America. Harrison's talk should be extremely helpful in providing the background of current happenings in the Americas.

The schedule of events for March

16th called for a Buffet-Smorgasbord Supper to commence at 6:00 p.m. The entire second floor of the Student Union, 621 W. Lombard St., had been reserved for the occasion. Professor Harrison's talk in the Health Sciences Library followed the dinner.

The University's Board of Regents, the Deans of the Baltimore Schools, Dr. Elkins, President of the University, and Vice Presidents Drs. Kuhn and Hornbake were guests of the local alumni club. All University of Maryland Alumni and friends were invited to attend.



Earl White, Carpentry Supervisor, demonstrates the lap board device he designed which is expected to save the University thousands of dollars annually.



New Lap Board Demonstrated

Earl D. White, Carpentry Supervisor, Department of the Physical Plant, has been recommended for a "Merit Award" through the Classified Employees Organization of the State of Maryland for the development of a labor and money saving innovation.

Transporting chairs for large student examinations from storage and classrooms to the main floor of the Cole Student Activities Building and returning them after use, costs approximately \$0.25 per chair in labor alone, exclusive of some breakage. Total capacity on main floor properly spaced for simultaneous testing was 900 seats. This is now increased to 4,000. Large set ups for University examinations and College Entrance Testing now being handled would have required 8,000 chair placements alone in the 1961-62 school year or \$2,000 a minimum of expenses. Total cost of 2,000 lap boards already built is \$3,500, which will be more than repaid by next year with subsequent

savings accruing to the University for as many years as they are used.

Boards are sturdily constructed of pressed wood (masonite type) material with heavy hinges to insure stability. The entire 2,000 units were cut and assembled by regular University maintenance carpenters, who developed a mass production system to complete the job in 11 man days.

PG Alumni to Meet

Dr. Albin O. Kuhn, University of Maryland Executive Vice President, will address members of the Prince Georges County Alumni Club on April 13, at 8 p.m. at the Student Union.

Members of the University faculty have received an invitation from Prince Georges County President Dr. Jack Cronin and more than 150 are expected to attend.

Some Recent Grants to the University

For an Index Catalog to Russian, Central and Eastern European and Chinese Literature in Medical Entomology.

U.S. ARMY TO DEPARTMENT OF ZOOLOGY.
\$29,167.

For forgivable loans to doctoral students in engineering.

FORD FOUNDATION TO BOARD OF REGENTS.
\$50,000.

For studies in rapid cosmic ray variations and interplanetary physics.

U.S. AIR FORCE TO DEPARTMENT OF PHYSICS.
\$43,846.

For cosmic ray monitoring at Hallett Station, Antarctica.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS.
\$18,000.

For research involving mechanisms of inorganic reactions.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF CHEMISTRY.
\$22,400.

Toward the understanding of magnetic shockwaves and related problems.

U.S. AIR FORCE TO DEPARTMENT OF PHYSICS.
\$94,000.

For research on polyphenyls.

U.S. AIR FORCE TO DEPARTMENT OF CHEMISTRY.
\$33,650.

For research participation for College Teachers program.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS.
\$22,590.

For renovation and expansion of research laboratories in microbiology.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF MICROBIOLOGY.
\$81,600.

For research in fundamental interactions in the solid state.

U.S. AIR FORCE TO DEPARTMENT OF PHYSICS.
\$235,175.

For research in materials science stressing the solid state.

ADVANCED RESEARCH PROJECTS AGENCY TO THE DEPARTMENT OF PHYSICS.
\$912,000.

Continued on page 10



Dr. Truitt Leads Alumni Reappraisal

DR. REGINALD V. TRUITT, PRESIDENT OF THE Alumni Association, has been looking with a hard eye at alumni, their organizations and objectives.

Dr. Truitt, a Maryland gentleman with a disciplined intellect and a far-ranging curiosity, believes "the Association is in a state of ferment and I am ambitious to determine, in my administration, just where we are and where we are going.

"We have initiated a program of study to find the answers to these questions. Some of the things we are studying have been suggested by questions which came to me prior to my taking office and others since then.

"We have established seven committees and all of these are now at work. We have a committee studying ways in which to be of help to *The Maryland Magazine*. Although alumni recognize that *The Maryland Magazine* is one of the highest quality alumni magazines in the Nation, the Committee is hopeful of including more items of alumni interest in this publication. We endorse, however, the continuing alumni education theme and the quality of the magazine.

"Then we are studying the question of alumni membership in the Board of Regents, a question previously attacked but with an outcome deemed by some not entirely adequate. Here, an objective look will be had.

"On another subject, we alumni are interested in the active pursuit of excellence, especially in regard to the superior student. We are anxious to demonstrate to the administration our concern and our support for programs which will encourage the gifted and motivated student to 'stretch' to his maximum ability.

"We are concerned with solicitation, that is, fund-raising, at the University. To become effective supporters of the Fund, we need to know more about its organization,

operation and successes to date, and an appraisal of its future.

"The fifth committee is engaged in studying the question of the expansion of the University, especially as it relates to the establishment of centers around the State. Personally, I am highly interested in this subject. Alumni in general recognize the need for expanded facilities in higher education. The problem seems to be that of creating out-right new centers according to population densities or the acquisition of three of the State's five teachers colleges. In any event, the University must meet the challenge of population increases and informed alumni can help to that end.

"Then we come to the committee which is asking questions about the Association and the Council—what is the Association doing, what are its objectives, is the Council machinery such that it can do its job effectively? We feel that the structure and function of the Council should be evaluated and goals established. We are asking the question: 'Should the Council participate in consultations concerning University fund-raising activities among alumni?'

"The last committee I shall mention is working on the problem of alumni clubs. We feel that some of these are weak and we are wondering if we must baby them. Is this the right approach? How valuable is the club system? We want to know.

"I have one more observation concerning alumni. I feel that alumni should have the opportunity of attending classes of instruction with or without credit and, in other ways, enlarging upon their University education. I am strongly in favor of the continuing education theme. We should continually find ways in which alumni can make for themselves a better life. Should we go back to the old Institute idea, the Chautauqua principle, or, perhaps, to straight educational work in localized classes by way of television."



A MARYLAND PIONEER

not content to allow the times to go unchanged

AMARYLAND PIONEER RECEIVED OVERDUE RECOGNITION when a room in the College of Home Economics was dedicated in her honor. Elizabeth H. Patterson was recognized by the Alumni Association of the College for her pioneering in the field of home economics.

Mrs. Erna R. Chapman, Past President of the Alumni Association for the College, was instrumental in bringing this honor to Mrs. Patterson. During her graduate years at the University, Mrs. Chapman wrote a history of home economics in Maryland as part of her master's program.

"We were very fortunate to have a Mrs. Patterson in Maryland. And certainly her pioneering work stood up well com-

pared to the trials and tribulations in other areas. Year before last, during the 50th Anniversary of Home Economics, I was serving as President of the Home Economics Alumni Association. So it seemed to me that our organization could do something to recognize Mrs. Patterson. We decided to have a plaque erected in honor of Mrs. Patterson in the College of Home Economics."

In further recognition Mrs. Chapman presented a copy of her thesis to the Maryland Home Economics Association for its archives, dedicating the volume to Miss Marie Mount, former Dean, and to Mrs. Patterson. Of Mrs. Patterson she said, "I should like to honor Elizabeth H. Patterson, the Ellen H. Richards [founder of home economics] of Maryland.

Without the vision, purpose, and drive of this woman, the history of home economics on both a state and national level might have developed in a much slower and less effective way. It is my feeling that adequate recognition of Mrs. Patterson's work has not been made. And I hope that in some small way, this copy will serve as a recognition of her pioneering in home economics."

Mrs. Patterson was the wife of Dr. H. J. Patterson, former president of the Maryland Agricultural College, and later dean of the College of Agriculture. She was vitally aware of the many problems that beset farm homes. She realized that the lot of farm women was very difficult. They lived a lonely, arduous life. Although a great amount of attention was placed on the adequate and nutritional feeding of farm animals, little or no attention was given to the proper feeding of the farm family. From the awareness of what science could do for the farm operation grew an intense desire to see science related to the farm home. Thus the early beginnings of home economics were closely related to the efforts to solve their problems. And Elizabeth Patterson's efforts and talent of persuasion brought about extension work for the benefit of the home, principally through the medium of the Farmer's Institutes.

"There were some early farmers' clubs," Mrs. Chapman says, "I think one of the earliest was in Sandy Springs. There was another that developed in Prince Georges County. These were local organizations. But they were most effective in bringing to farmers the newer concepts of improved agriculture. And finally it was decided that as this was worthwhile in restricted areas, it might be taken on on a larger scale. So farmers institutes had their beginning. Farmers came to the Maryland Agriculture College to meetings. Later, a railroad car was equipped and outfitted as a lecture room. The specialists dealing with various phases of agriculture lectured on this train. It had a very specific route that it followed through Maryland. And people attended lectures on the train and thereby gained newer knowledge and concepts of agriculture. It was really a traveling classroom."

Elizabeth Patterson was not satisfied to settle for the progress being made at the College.

PROVIDING OPPORTUNITIES FOR MARYLAND FARM WOMEN to learn of the newer concepts of homemaking was not enough. Often the entire family had to be educated into accepting this help. A letter written early in this century illustrates the prejudices of many concerning the participation of women in institute work. The letter states that, "only a few ladies attended meetings last winter. They are very particular,

especially in Southern Maryland, to do that which is popular. They have been taught to expect entertainment instead of instruction. Many wish they could get off the farm and into some social center—a result of changed conditions since the War when all the work was done by slaves or would be if the host could afford it. In those times, it was not necessary that a lady know anything but how to entertain and be entertained. This life begot an indifference on the part of the women as to the method of labor. Which I am sorry to say can be noticed too often south of the Mason-Dixon Line. The men being their mother's sons are in doubt whether or not their wives and daughters should attend farmer's meetings."

Throughout those early years of the Twentieth Century, Elizabeth Patterson worked hard educating her farm neighbors, state and national legislators, and school officials. Finally the public school systems began to teach a few courses in vocational home economics.

"As home economics grew in the public schools and in the extension service, it found acceptance on college campuses. In 1907, Hood College; the Maryland College for Women in 1909; the Towson State College and the Princess Anne Academy for Negroes in 1909; in 1911, Johns Hopkins; in 1914 the University of Maryland; and in 1917 Goucher College began teaching courses in home economics.

"The typical courses offered at that time were: The Practical Value of Domestic Science and Art, Essentials of a Sanitary Home, Home Atmosphere, Food Production, Food Consumption, Care of the Home, Textile Manufacture, Sewing, Chemistry and Bacteriology. I think there is one very interesting thing . . . as home economics developed, the sciences associated with certain phases of home economics developed simultaneously.

"In 1911 Mrs. Patterson served as a Chairman of a committee on home economics of the National Grange. She represented that body at the hearings of the Page Bill for vocational training before the Agriculture Committee, House of Representatives. Her statement to the committee dealt with the part of the bill on Home Economics. In speaking of the error usually made by many that home economics meant only cooking and sewing, she said, 'It includes every science that will go towards making better homes for us.' Many of the bills that followed this original bill were grounded on the efforts of Mrs. Patterson's reasoning. I would say that she deserves much credit for her foresight in the development of home economics legislation."

Commenting on the vocational character of much of this legislation, Mrs. Chapman said, "The early concepts of vocational agriculture were that 'one learns by doing.' I know that in my own life, I grew up in 4-H Work. And a project was very strongly emphasized . . . it is even today. A person undertook a project and in doing it learned all of the scientific as well as the practical aspects of that project. So that was the basis . . . learning by doing was applied to a rural setting."

As a thinking woman, Elizabeth Patterson had not been content to allow the times to go unchanged. She is honored today for her early recognition and belief that men and women should be educated for home and family life . . . and for her untiring effort to see that dream materialize.

ED. NOTE: In October, Mrs. Chapman was appointed Supervising Director of Home Economics for the District of Columbia Public School System. She had been serving as Assistant Principal of Roosevelt High School. In her new post Mrs. Chapman continues the tradition of Maryland home economics pioneering by insisting upon the application of the sciences for the education of the modern homemaker. She and her husband reside in a 200-year-old house at Gambrills.

Tennis

March	29 Lafayette— <i>Home.</i>
	31 Syracuse— <i>Home.</i>
April	7 Virginia— <i>There.</i>
	9 N.C. State— <i>There.</i>
	13 North Carolina— <i>Home.</i>
	14 Wake Forest— <i>Home.</i>
	25 Penn State— <i>There.</i>
	26 Hopkins— <i>Home.</i>
	28 Navy— <i>There.</i>
May	1 Georgetown— <i>Home.</i>
	4 Clemson— <i>There.</i>
	5 South Carolina— <i>There.</i>
	7 Duke— <i>There.</i>
	10-12 ACC tournament— <i>Raleigh, N.C.</i>

Lacrosse

March	17 Mt. Washington— <i>Exhibition game there at 2:30 p.m.</i>
	24 Australian Team— <i>Home at 2:30.</i>
	27 M.I.T.— <i>Home at 2:30.</i>
	31 Princeton— <i>Home at 2:30.</i>
April	5 Harvard— <i>Home at 2:30.</i>
	6 New Hampshire— <i>Home at 2:30.</i>
	7 Virginia— <i>There.</i>
	21 Baltimore Club— <i>Exhibition at College Park at 3:00.</i>
	25 Penn State— <i>There at 3:30.</i>
	28 Navy— <i>Home at 2:30.</i>
May	5 Army— <i>There.</i>
	7 Duke— <i>Home at 2:30.</i>
	12 Maryland Club— <i>Exhibition at home at 12:00 Noon.</i>
	19 Johns Hopkins— <i>at Hopkins.</i>

SPRING SPORTS SCHEDULE

Baseball

March	27 Dartmouth— <i>at College Park.</i>
	28 Lafayette— <i>at College Park.</i>
	30 Syracuse— <i>at College Park.</i>
April	2 Harvard— <i>at College Park.</i>
	6 South Carolina— <i>at Columbia, S.C.</i>
	7 Clemson— <i>at Clemson, S.C.</i>
	12 Georgetown— <i>at College Park.</i>
	13 South Carolina— <i>at College Park.</i>
	14 Clemson— <i>at College Park.</i>
	17 Navy— <i>at Annapolis.</i>
	20 North Carolina— <i>at Chapel Hill.</i>
	21 N.C. State— <i>at Raleigh.</i>
	27 Duke— <i>at Durham.</i>
	28 Wake Forest— <i>at Winston-Salem.</i>
May	1 Penn State— <i>at University Park (3:30).</i>
	4 North Carolina— <i>at College Park.</i>
	5 North Carolina State— <i>at College Park.</i>
	8 Virginia— <i>at College Park.</i>
	9 Georgetown— <i>at Georgetown.</i>
	11 Duke— <i>at College Park.</i>
	12 Wake Forest— <i>at College Park.</i>
	16 Virginia— <i>at Charlottesville.</i>

Golf

March	26 M.I.T.— <i>Home at 2:00 p.m.</i>
April	2 Clemson— <i>at Clemson.</i>
	3 South Carolina— <i>at S.C.</i>
	13 Virginia & Wake Forest— <i>at Virginia.</i>
	17 Georgetown— <i>at Georgetown.</i>
	19 North Carolina— <i>at N.C.</i>
	20 Duke— <i>at Durham.</i>
	28 Navy— <i>at Navy.</i>
May	1 Hopkins— <i>at Hopkins.</i>
	7 North Carolina State— <i>at College Park.</i>
	8 Penn State— <i>at Penn State.</i>

ACC tournament May 11-12 at Winston-Salem.
NCAA tournament June 18-23 at Durham, N.C.

Outdoor Track

March	30-31 Florida Relays.
April	7 Pittsburgh— <i>at College Park, 1:30.</i>
	13-14 Quantico Relays.
	14 Duke— <i>at College Park, 1:30.</i>
	19 North Carolina— <i>at Chapel Hill.</i>
	27-28 Penn Relays.
May	5 Navy— <i>at College Park, 1:30.</i>
	11-12 ACC Meet— <i>at Columbia, South Carolina.</i>
	19 DCAAU— <i>at College Park.</i>
	25-26 IC4A Meet— <i>in New York.</i>
June	15-16 NCAA— <i>at University of Oregon.</i>

An Album of Maryland Athletes

JERRY GREENSPAN . . . leading Terp rebounder and outstanding scorer . . . Junior.



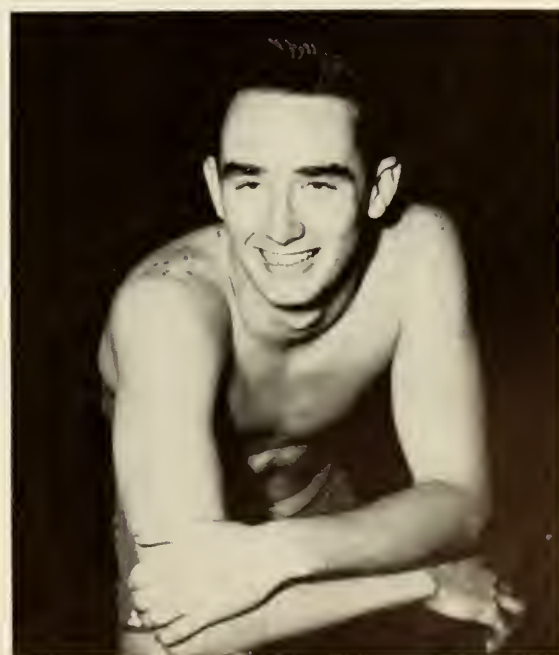
BRUCE KELLER . . . leading Terp playmaker and good scorer for three years . . . Senior . . . UPI All-Conference team 1962.



JOHN BELITZA . . . greatest Terp pole vaulter of all time . . . the only man south of Villanova to top 15 feet while competing in college . . . only a Junior . . . has topped 15 feet four times in competition this year . . . best 15' 3 $\frac{3}{4}$ " at Navy for a Maryland and Navy Field House record . . . currently setting records almost every time he vaults on a collegiate basis.



MARYLAND WRESTLING co-Captains Seniors . . . Eugene Kerin, 157 pounds . . . Pat Varre, 147 pounds . . . leading Terp grapplers.



LEADING TERP SWIMMER . . . Most versatile on squad . . . Hugh Roddin . . . Junior co-captain . . . ACC 1,500-yard freestyle champion in 1961.

Alumni Notes

Continued from page 4



Dr. Storey, left, talks with USIA chief Edward R. Murrow

Professor of Medicine to Direct Moscow Exhibit

Dr. Patrick D. Storey, Chairman and Director of the Post Graduate Committee of the University of Maryland School of Medicine and Associate Professor of Medicine, has been selected

as Medical Director for "Medicine-U.S.A.", one of the cultural exchange exhibits under auspices of the United States Information Agency. The exhibit is scheduled for showing in such cities as Moscow, Kiev, and Leningrad this spring.

Dr. Storey is a graduate of Georgetown University School of Medicine. He received his training in pulmonary diseases and internal medicine at D. C. General Hospital, where he spent the first six years of his professional career.

After military service at the Fitzsimons Army Hospital, where he was chief of the enlisted men's section and in charge of the clinical research program of the tuberculosis service, he was in 1955 appointed staff physician of the Baltimore Veterans Administration Hospital. The next year he became chief of medical service and in 1958 was appointed to his present position as director of professional services.

Fund Ahead of 1961

On March 15th, a week ahead of the Annual General Canvass of the Greater University of Maryland Fund, contributions were running 20% ahead of '61, it was announced by Howard Filbert, National Canvass Chairman, and Dr. Albert E. Goldstein, Chairman. All the local chairmen have been appointed and approximately 450 Alumni Sponsors had signed up to serve on local alumni Sponsors Committees.

ALUMNI ARE INVITED TO
SEND PERSONAL NEWS TO
THEIR CORRESPONDENT OR
TO THE EDITOR

Ambassador to Address Far East Commencement

Dr. Edwin O. Reischauer, U.S. Ambassador to Japan, will be the principal speaker at the fifth annual formal commencement ceremonies of the University's Far East Division in Tokyo on March 25.

Approximately 60 military and civilian students who completed degree requirements while stationed in the Far East will receive their degrees in formal cap and gown ceremonies in the Kudan Kaikan auditorium in downtown Tokyo.

Dr. Albin O. Kuhn, University Executive Vice President, will fly to Tokyo to confer the degrees. University College Dean Ray Ehrensberger will preside along with Dr. Leslie R. Bundgaard, Director of the Far East Division.

High ranking U.S. military and Japanese government officials will attend the event, the highlight of the academic year in the Far East Division.

Ambassador Reischauer was born in Tokyo and spent many years there. He speaks fluent Japanese and his wife is Japanese.

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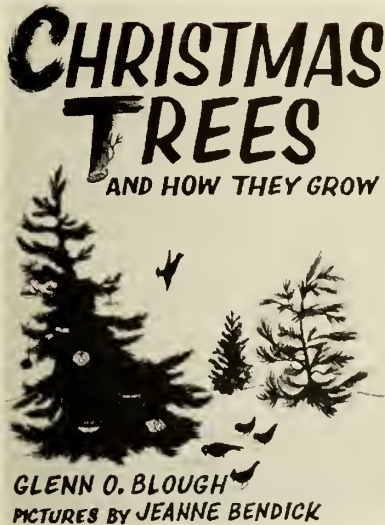


CLOVERLAND - - THE DAIRY WITH COWS (Calves, too)

► Visit Cloverland's Golden Guernsey Farm—Dulaney Valley Road—8 miles north of Towson. Milking starts at 4 P.M. ◀

Maryland Books and Authors

by Mrs. Harold Hayes,
Head, Maryland Room, McKeldin Library



CHRISTMAS TREES AND HOW THEY GROW by Glenn O. Blough; illustrated by Jeanne Bendick. New York: Whittlesey House Books for Young People. 1961. \$2.75.

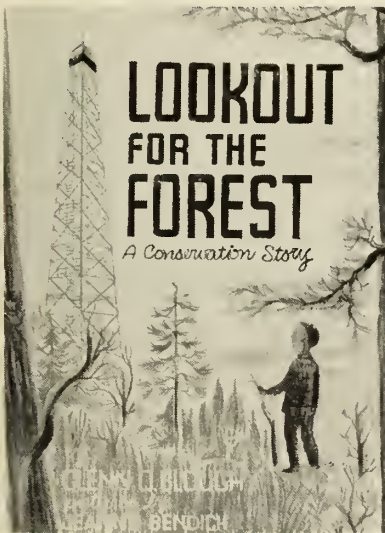
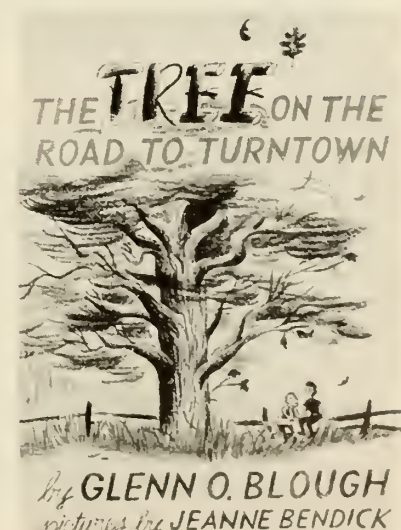
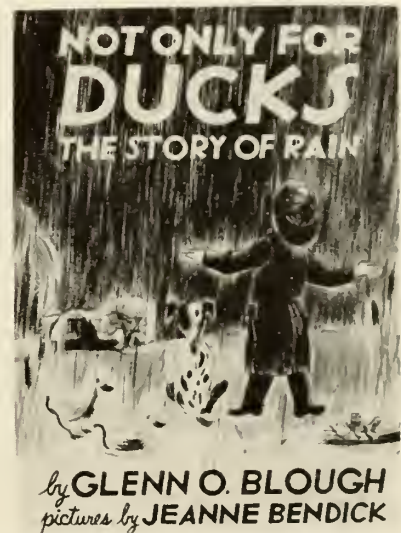
CHRISTMAS TREES AND HOW THEY GROW is the most recent of 33 books written for teachers and children by Dr. Glenn O. Blough, Professor of Education.

Six of his books for children have been chosen for distribution by the Junior Literary Guild Book Club. Several have been translated into a dozen languages and some are being transferred into Braille.

The reviews of *Christmas Trees and How They Grow* following indicate the kind of reception given to books written by Dr. Blough and illustrated by Jeanne Bendick.

"Amplifying Miss Aleott's famous opening, Christmas wouldn't be Christmas to an American child without presents under a sparkling, odorous green tree. Yet the city child who gets his tree from the sidewalk market rarely has any idea of the processes by which it has come into being. Glenn Blough in his usual easy way of dealing with scientific facts presents here the natural history of Christmas trees (as well as their companions who end up as books, houses, or telephone poles), slips in some healthy hints about conservation and tells, also, how to keep the festive tree green longer through the winter and how to use it as a source of supplies for hungry winter birds, thus prolonging our initial pleasure." *The New York Times*.

"This is an excellent book of far greater scope than its title indicates. Mr. Blough has taken advantage of a child's natural interest in Christmas trees to make of this handsomely-illustrated book a lively and absorbing account for tree growth and anatomy, of conservation practices, of the value of woodlands, of the distinction between different evergreens and other trees and many other topics. For youngsters from six to ten, this





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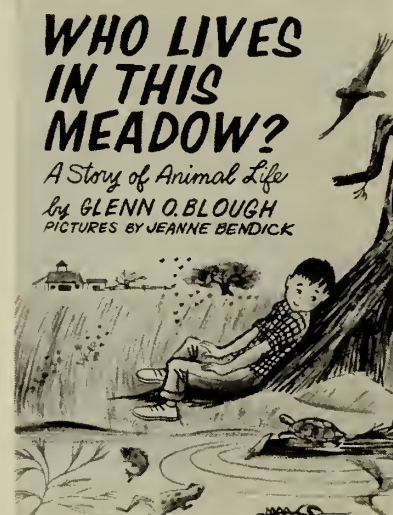
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Maryland Books and Authors

Continued from page 11

is a very superior book and, of course, an ideal birthday or Christmas gift." *The Standard Times* (New Bedford, Mass.).

"A delightful nature book which describes the life cycles of the kinds of evergreens that are commonly used as Christmas trees. It should make a fine gift for young naturalists during the fall and holiday seasons." *Publishers' Weekly*.



Among Dr. Blough's books are *Primary Unitexts*; *Elementary School Science and How to Teach It*; *Monkey with a Notion*; *Beno the Mayor*; *The Tree on the Road to Turntown*; *Not Only for Ducks*; *Lookout for the Forest*; *Who Lives in the Meadow?* *Who Lives in this House*, also illustrated by Jeanne Bendick.

"Washington's Best Restaurant"
Holiday Magazine (4th Consecutive Year)

"One of America's Ten Best"
National Poll

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Horn Book says of *Who Lives in this House?* "At first glance, the ramshackle house on Highway 12 seems vacant, but there are actually six families living in it! One by one we meet them—robins, wasps, squirrels, bees, skunks and spiders—and learn how they live. An interesting, easy nature book for younger readers."

In 1960, Dr. Blough's book, *Discovering Dinosaurs*, illustrated by Gustav Schrotter was published. *The Standard Times* in New Bedford, Mass., has this to say: "The 7-11 set will like this well-illustrated and well-narrated story of the giant reptiles that roamed the earth so many millions of years ago. Dr. Blough does more than describe the giant beasts, he goes on to recount the scientific detective work that has made the reconstruction of the great beast possible today."

WAIT FOR THE SUNSHINE

*The Story of Seasons
and Growing Things*

by **GLENN O. BLOUGH**
pictures by JEANNE BENDICK



Although Dr. Blough has had recognition from many sources he says one award given him is highly prized: the Diamond Award presented to him by the students of the University of Maryland in 1958. The award is given for the outstanding faculty member for achievement in his own field, service to students, to the University and to the community.

When, in 1950, he was awarded an Honorary Doctor's degree from Central Michigan College of Education for distinguished contribution in the field of education, the citation read: "A creative thinker, an innovator, a skilled writer, a master teacher, Glenn O. Blough has proved himself eminently qualified to be honored by his Alma Mater."

Teachers and children using and reading his books the world over agree with this citation.

—Mrs. Harold Hayes

College of

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REACHING AROUND THE WORLD

The University of Maryland College of Agriculture has completed a contract with the Agency for International Development (AID) to train 18 Extension Service Supervisors from the countries of Bolivia, Iraq, Thailand, Philippines, Vietnam, Korea, Indonesia and the Republic of China.

After five months of attending classes, living with farm families and traveling with Maryland Extension Agents the people have returned to their home countries to help their people.

CRANDALL TO SUDAN

Bowen S. Crandall, '32, has transferred his base of activities from Guatemala City to the Sudan where he is Plant Pathology Advisor to the Ministry of Agriculture.

SOHN TO WASHINGTON STATE

Captain Henry A. Sohn, '48, has completed the U. S. Air Force technical training course for missile guidance control officers at Sheppard AFB, Texas. Capt. Sohn learned radio inertial guidance of the Titan missile and is stationed at Larson AFB, Washington. The Captain and his wife, the former Hazel Davis, have four children.

College of

ARTS AND SCIENCES

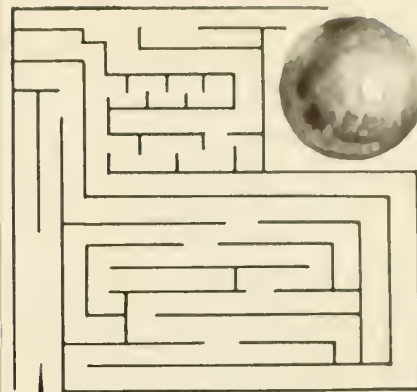
Staff of the College

GENERAL LUCKEY SUCCEEDS GENERAL BURGER

Maj. Gen. Robert B. Luckey, '27, was nominated for promotion to the temporary rank of Lieutenant General by President Kennedy. He was also named Commanding General, Fleet Marine Force, Atlantic, with headquarters in Norfolk, Virginia. He succeeded Lt. Gen. Joseph C. Burger, '25, who retired November, 1961.

Gen. Luckey completed 40 years of service when he pinned on his third star as a Marine officer.

(Continued on next page)



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He was born in Hyattsville, Maryland, and is married to the former Cary Walker of Vineyard Haven, Massachusetts. They have three children.

SUMMER LANGUAGE INSTITUTE IN 1962

The University's second Summer Language Institute will be conducted from June 25 through August 10 at College Park. The Institute, set up under the National Defense Education Act of 1958 through the Language Development section of the U.S. Office of Education, will be directed by Dr. Philip Rovner of the Department of Foreign Languages.

Designed for secondary school teachers of French and Spanish, the Institute aims to improve their speaking fluency, perfect their classroom methods in accordance with modern audio-lingual techniques, acquaint them with the latest electro-mechanical aids, and enrich their cultural backgrounds about French or Spanish-speaking civilizations.

Sixty selected applicants, half in each language, will participate in a program of intensive study and language practice supplemented by informal recreation. A stipend of \$75 a week, \$15 per week for each dependent, is granted to every public school teacher chosen. Private school teachers are also eligible for the program, without the stipend. Applicants may receive seven credits for work at the Institute depending upon their previous scholastic record.

Speaking the foreign language all summer is the rule. Participants live in campus dormitories, eat in the dining-hall and mingle with native "informants" in a foreign atmosphere specifically designed for their needs.

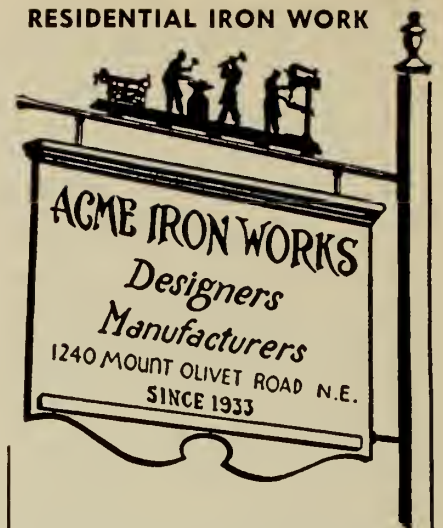
Application forms and information may be obtained from Dr. Philip Rovner, NDEA Summer Language Institute, Department of Foreign Languages, University of Maryland, College Park, Maryland.

SINO-AMERICAN ROUND TABLE

A conference on "The Teaching of the Chinese Language and Culture" will be held at the College Park campus on May 8. It will be the eighth annual Round Table Conference on the promotion of Sino-American cultural relations, conducted under the triple sponsorship of the China Institute of America, the American Association of Teachers of Chinese Language and Culture, and the University of Maryland.

Over fifty teachers and scholars from the continental United States and Hawaii, along with representatives from the Chinese Embassy will attend the Conference, chaired by Dean Leon P. Smith and Professor Douglas W. Alden, Head of the Foreign Languages Department. On the planning committee are

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LITERARY LECTURER FROM THE ARGENTINE

Professor Jorge Luis Borges, who has been called the leading writer in the Spanish-speaking world today, honored the University of Maryland with a visit on February 21. Invited by Dr. Graciela Nemes and accompanied by Senor Juan J. Mathe, first secretary of the Argentine Embassy, Senor Borges came to the McKeldin Library Auditorium for an informal question and answer session in Spanish on world literature in general and the poetry of North and South America in particular. He stayed for another hour in a smaller room for people who wanted to continue the discussion. Later he praised the seriousness and knowledge of the students, as well as the graciousness of students and faculty at Maryland.

Co-winner with Samuel Beckett of the International Publishers' Prize for 1961, Borges is Professor of American and English Literature at the University of Buenos Aires and Director of the National Library there. He is famous for his short stories and essays.

At a luncheon tendered Borges in the President's Room of the dining hall, professors from neighboring universities joined with Maryland colleagues in paying tribute to a great literary figure.

CURRENT PUBLICATIONS

The Foreign Languages Department has been publishing from India to Maryland.

Dr. Graciela Nemes has written a chapter for *Tagore: the Poet of Light*, published in India in 1961 in Hindi, Bengali and English. The contributors include figures of note from all over the world, such as Albert Schweitzer and Pearl Buck. Mrs. Nemes, a former student of the Nobel prize-winning poet Jiménez, wrote on "Tagore and Jiménez, Poetic Coincidences." The volume's editor is Prafulla Chandra Das, of Cutack, Orissa.

Mr. Andre Zinovieff of the Russian section of Maryland's Languages Department is co-author of a booklet entitled *Development and Evaluation of Training Methods for the Rapid Acquisition of Language Skills*, published in January 1962 by the Training Methods Division of the George Washington University Human Resources Research Office, operating under contract from the Department of the Army. The booklet is Research Report 9, signed, with Mr. Zinovieff, by Eugene H. Rocklyn and Richard E. Moren.

Dr. Marguerite Rand's article on "Azorín, in 1960 and After" appeared in *Hispania*, March 1962. Under a grant-in-aid from the Graduate School's General Research Board, Mrs. Rand spent time in the summer of 1960 with Azorín, the dean of Spanish letters, whom she knew from a former year that she spent in Spain writing a book on him.

Dr. Jean V. Alter's note on "Potential FLES Teachers and their Training" appeared in the *Modern Language Journal*, January 1962. Dr. Leonora Cohen Rosenfield's review article on Lester G. Crocker's *An Age of Crisis* came out in the *French Review*, January 1962.

Dr. William R. Quynn contributed "A Neglected Early Document in the *Querelle des Anciens et des Modernes*" to *Romance Notes* Vol. III, 1961. His "Jacob Engelbrecht: Collector of Autograph Letters (1797-1878)" appeared in the *Maryland Historical Magazine*, Vol. 56, Dec. 1961.

LANGUAGE TEACHING LECTURE

Dr. Henry Mendeloff, of the College of Education and the Department of Foreign Languages, lectured at the Du Val High School in Lanham on March 16. His talk on "An Introduction to Applied Linguistics Theory and Practice" was delivered at the invitation of Mrs. Dora Kennedy, supervisor of Foreign Languages in Prince Georges County.

FOREIGN LANGUAGE LABORATORY

A modern foreign language laboratory, installed at a cost of \$25,000 in the University's new language building, has been in constant day time use this year for students of elementary French, German, Italian, Russian and Spanish. In the evenings, the lab has been available for students of the Methods course in the College of Education, taught by Dr. Philip Rovner of the Department of Foreign Languages. Dr. Rovner, Director of the laboratory, has stated: "Teachers and prospective teachers of foreign languages now have an opportunity for experimental work in language teaching based on laboratory techniques. This should benefit elementary and secondary schools throughout the state."

GORDON AWARDED 1962 DANFORTH FOUNDATION FELLOWSHIP

Stewart L. Gordon, well-known pianist and an Instructor in the University of Maryland Department of Music, has been awarded a 1962 Danforth Foundation Fellowship for graduate study at the Eastman School, Rochester, New York.

The Danforth study grant will enable Gordon to complete his doctoral study, which he began during the summers of 1958 and 1959.

A native of Olathe Kansas, Gordon holds a B.A. and M.A. degree from the University of Kansas. Before coming to Maryland in 1960, he was Chairman

(Continued on next page)

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of the Department of Music at Wilmington College in Ohio.

Since 1959, he has performed numerous concerts on college campuses, at festivals, on civic and community programs, and with symphony orchestras across the country including the National Gallery of Art, El Paso Symphony Orchestra and Tobias Matthay Festival at Tamworth, New Hampshire. Between 1959 and 1960 he recorded the complete Rachmaninoff Preludes, a two-volume recording, and Schubert's Op. 143 and Op. 11.

PERSONAL NOTES

Capt. Robert E. Grutzik, '56 is being assigned to the United States Air Force's first all-jet strategic airlift unit, the 18th Air Transport Squadron, Tinker AFB, Oklahoma. He will serve as a navigator in the new C-135 "Stratojet" unit of the Military Air Transport Service.

Theodore H. Erbe, '36, was presented a special award for the completion of 1,000 weeks of continuous production. Mr. Erbe has produced at least one new Life, Accident or Health application every week during his entire business career. Mr. Erbe is a Chartered Life Underwriter and partner in the firm of T. H. Erbe Company, Baltimore, Maryland.

Harrison S. Brink, Jr., '57, is a member of the 464th Transportation Company, an Army Reserve unit, which was recently recalled to active duty and assigned to the 3d Transportation Terminal Training Group at Fort Eustis, Virginia.

Nicholas A. Zindler, M.A. '60, has been promoted to specialist four in Frankfurt, Germany.

George T. Corrigan, '55, joined the Philadelphia advertising office of *TV Guide* magazine as a sales representative.

Louis Isaacson, '56 received his master of science degree in chemistry from the Massachusetts Institute of Technology this fall.

Jesse E. Sherwood, MS '52, joined the staff of the Experimental Physics Department of the University of California Lawrence Radiation Laboratory in Livermore, California.

College of **BUSINESS AND PUBLIC ADMINISTRATION**

Prof. James H. Reid

PERSONAL NOTES

Robert A. Will, '50, has been named Manager of Plant Location Surveys for the Austin Company, engineers and builders, Cleveland, Ohio.

Maj. Aames R. Smith, '50, is attending the 16-week associate course at the Army Command and General Staff College, Fort Leavenworth, Kansas.

1st Lt. James T. McKenzie, '56, has been named one of the outstanding students of his class at the United States Air Force Squadron Officer School at Tinker AFB, Oklahoma. The school prepares young officers for command and staff positions at squadron and wing levels.

2nd Lt. Robert Wayne Mullican, '61, soloed for the first time in the T-37 jet trainer during primary flight training at Tinker AFB, Oklahoma.

Harry M. Trebing, BPA '52, has been named Associate Professor in Transportation and Public Utilities in the School of Business at the University of Nebraska. He was an honor graduate of the University.

HOWARD KRAUSE NAMED BROKERAGE CONSULTANT

Howard Krause, '51, has been named a Brokerage Consultant at the Baltimore office of Connecticut General Life Insurance Company. Mr. Krause will work with independent general insurance men and their clients in all areas of business and personal insurance.

He and his wife, the former Barbara Sherry of Baltimore, have three children.

DR. DONALD W. O'CONNELL APPOINTED NEW DEAN

Dr. Donald W. O'Connell, Program Associate for the Economic Development Administration of The Ford Foundation, has been appointed Dean of the University College of Business and Public Administration.

Professor James H. Reid has been acting dean of the college since the retirement of Dean J. Freeman Pyle in June of last year.

Dr. O'Connell is a native of New York City, and received a B.A. degree in 1937, an M.A. degree in 1938, and a Ph.D. degree in 1953 from Columbia University.

He was named a Kellett Fellow at Cambridge University in 1938. The award is made to the top graduate in economics at Columbia.

Dr. O'Connell has had wide experience as both teacher and an author. He has held numerous faculty positions at Columbia University. These included Instructor and Associate in Economics, Assistant Dean and Assistant Professor of Banking, and Associate Professor of Banking in the Graduate School of Business. He was also Associate Director of the Consumer Credit Management Program.

He was an economic editorial writer for The New York *Herald Tribune* between 1949 and 1956.

(Continued on next page)

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Dr. O'Connell is a member of Phi Beta Kappa, the American Economic Association, the American Finance Association and the Arctic Institute of North America.

The appointment was effective February 1, 1962.

College of EDUCATION

Mary J. Ahalt

NEWS OF ALUMNI

Julian A. Weingarten, who received his B.S. from the College of Education, University of Maryland, in 1960 was recently commissioned as a 2nd Lieutenant in the U. S. Marine Corps at Quantico, Virginia. Lt. Weingarten is enrolled in Basic School, Quantico, for a six-month orientation program. He qualified as expert with both the pistol and the M-14 rifle.

Elmer F. Bright of Towson, Maryland, class of 1947, is employed by Baltimore Public Schools as a teacher, and is attending the 16-week associate course at the Army Command and General Staff College, Fort Leavenworth, Kansas, of the Army National Guard. This class, composed of 75 Army Reserve and Army National Guard officers, is designed to prepare selected officers from all components of the Army for duty as commanders and general staff officers.

Dr. Norma H. Compton completed requirements for her Ph.D. degree this year while serving as a graduate fellow in the Institute for Child Study. She will continue her association with the University of Maryland as Associate Professor of Textiles and Clothing in the College of Home Economics. Dr. Compton formerly was an instructor at Montgomery Blair High School and served as a lecturer-instructor for the University of Maryland College of Home Economics from 1957 until 1960.

GRANT RECEIVED

In January the University of Maryland received from the National Science Foundation two separate grants for work to be carried out under the University of Maryland Mathematics Project (UMMaP) which is a cooperative project of the College of Education and the Department of Mathematics. One of the grants is for a summer institute in mathematics for elementary teachers and supervisors for which stipends will be available for 36 teachers and supervisors. Professor Helen L. Garstens of the College of Education and the Department of Mathematics of the Uni-

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versity and Dr. Charles W. Nelson of the Department of Mathematics of Purdue University will be teachers in the institute. The second grant provides for a three-year activity in which two mathematics texts for use by elementary teachers will be written, tried out on an experimental basis and revised at the end of each year of tryout. Professors John R. Mayor and Helen L. Garstens of the College of Education and the Department of Mathematics of the University are Director and Associate Director of UMMaP and of the new projects. Professor Stanley Jackson of the Department of Mathematics is special consultant for the new course project.

FACULTY ACTIVITIES AND AWARDS

Dr. Daniel Preseott, Professor and Director Emeritus, Institute for Child Study, has been selected as a lecturer in Australia by the Board of Foreign Scholarships under the Fulbright Act. He will lecture on Child Study at Victoria Training College in Melbourne and will participate in a lecture tour to all the Australian States with other educators from England, India and the Philippines. Mrs. Preseott will accompany Dr. Preseott on this assignment.

Dr. Orval Ulry, Professor of Education and Director of Summer School, served as discussion leader for Group 2 of Area I at the AST program in Chicago using the topic "Selection of Students for Teacher Education." Dr. Ulry also served as Educational Consultant for the first book of the series of NSTA, *Vistas of Science I: SPACE-CRAFT*.

Dr. James L. Hymes, Jr., Chairman of the Early Childhood Education Department, has been elected as a member of the Board of Directors of Creative Playthings, Inc., a firm engaged in the development and sale of equipment and laboratory lesson materials to the elementary school market and in the development of toys and learning aids for the home through learning centers.

Mrs. Margaret Stant, Assistant Professor, Early Childhood Education, addressed the Tidewater Association at Portsmouth, Virginia, on topic, "Essentials of Good Teaching."

Dr. Henry Mendeloff, Assistant Professor of Education and Foreign Languages, is serving as foreign language textbook test and curriculum consultant for the program of Affiliation at the Catholic University of America; as author of "On a Modern Foreign Language Program for the High School" in *Teaching Foreign Languages in the Modern World*, ed. Tatiana Fotitch, Catholic University of America Press, 1961; and will be guest lecturer at the Prince George's County in-service train-

(Continued on next page)

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ing session for foreign language teachers for the topic, "An Introduction to Applied Linguistics: Theory and Practice."

Dr. L. Morris McClure, Assistant Dean of the College of Education, is serving as President of the Maryland Department of Supervision and Curriculum Development.

Dr. Donald Maley, Professor and Head of Industrial Education, at the invitation of President Kennedy, will attend and participate in the President's Conference on Occupational Safety. This is the eighth biennial meeting of the conference initiated and established by President Truman in 1948 in which over 3,000 leaders of American industry, labor, agriculture, Federal, State and local Governments, insurance, education and science, health and private safety organizations from all parts of the country participated.

AASA MEETINGS

The following members of the Faculty attended the Annual Meeting of the American Association of School Administrators in Atlantic City: Dean Vernon E. Anderson, Professor Kenneth Hovet, Professor M. Clemens Johnson, Professor Clarence Newell, Professor Alvin Schindler, Professor James E. van Zwoll and Professor Gladys S. Wiggin.

Dean Anderson served as panel leader for the TV broadcast on "What's New in Curriculum." Dr. van Zwoll addressed the convention on the topic, "The Domain of the School Administrator in the Merit Rating of School Employees." Dr. Hovet served as a seminar participant in discussing how to further enhance man's knowledge of the physical world. Dr. Newell participated in a case study presentation, "A University and a Local School System Work Together to Study and Prepare School Principals and Supervisors."

College of

HOME ECONOMICS

Dean Selma Lippeatt

NEW FACULTY APPOINTMENTS

Two new faculty appointments in the College of Home Economics on February 1 are:

Dr. Norma H. Compton, Associate Professor of Textiles and Clothing. Her responsibilities include a new emphasis on the psychological-sociological aspect of the field.

Dr. Virginia Britton, formerly of Pennsylvania State University, became a faculty member of the Department of Family Life and Management. She will direct undergraduate and graduate work in family economics.

NEW RESEARCH PROJECTS

Three new research projects have been initiated in the college:

1. A study of the effectiveness of bleaching agents in relation to home laundering. This controlled experimental study is a joint project of the Department of Textiles and Clothing and Family Life and Management. It is being conducted by Mrs. Eleanor Young and supported by a grant-in-aid of Olin Mathieson Chemical Corporation.

2. The second in a series of studies on micro-wave cooking is underway. The nutritive content of vegetables prepared by this method of cooking is being determined. New equipment has been installed in the experimental foods laboratory. The study is being directed by Mrs. Mary S. Eheart.

3. A study in recipe development for low phenylalanine content is being conducted by graduate students under the direction of Mary Eheart. There is a need for this laboratory experimentation in the treatment of patients suffering from Phenylketonuria—a disease primarily of infants and young children associated with mental retardation.

NON-CREDIT OFFERING

A Gourmet Food Institute sponsored cooperatively by the College of Home Economics and University College is being held from February 17 to May 12. This is a non-credit offering provided to meet public demand.

PROF. MITCHELL ON LEAVE

T. Faye Mitchell, Head of the Department of Textiles and Clothing, is on sabbatical leave for the second semester. She's traveling in the Far and Middle East with study emphasis centered on cultural and historical influences on textiles and fashions.

SPECIAL EVENTS SCHEDULED

Special events in the College of Home Economics scheduled for the spring include: On March 31, the State Convention of Future Homemakers of America; April 7, the State Convention of the American Dietetic Association; April 16-20 and 24-27, Hospitality Weeks, at which time high school seniors, prospective students, parents, and teachers are invited to the College by appointment.

School of LAW

Dr. G. Kenneth Reiblich

PERSONAL NOTES

Airman 3rd Class Herbert Levenstein, LLB, '61, has been named honor graduate of the United States Air Force

(Continued on next page)



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Edgar H. Farrell, Jr., LLB, '50, of *Time's* advertising sales staff has been appointed as Automotive Supervisor. He will operate out of Detroit.

School of

MEDICINE

Dr. John Wagner

CLASS NOTES

Josephine Renshaw, '43, has been elected second Vice President of the Medical Society of the District of Columbia. Dr. Renshaw recently presided at a session on Tranquilizers and Antidepressants on the occasion of the 29th Annual Scientific Assembly of the Medical Society of the District of Columbia, November 28, 1961.

Harry E. Walkup, '43, Assistant Director of the Surgical Service, U. S. Veterans Administration Hospital, Washington, D. C., has been appointed Director of Research of the American Thoracic Society-National Tuberculosis Association. Dr. Walkup assumed his new position September 1, 1961.

The new appointment will involve development of policy and responsibility for the administration of the Society's research program and for maintaining contact with and giving consultation to constituent and affiliated associations concerned with thoracic research.

Prior to his appointment at the Veterans Administration central office in February, 1961, Dr. Walkup was Chief of the Surgical Services and Assistant Director for Professional Services in charge of research at the Veterans Hospital in Oteen, N. C.

Donald W. Mintzer, '44, has announced the removal of his office from 1922 East Belvedere Avenue in Baltimore to 3009 Evergreen Ave. in Baltimore, Md.

Stanley R. Steinbach, '45, has announced the opening of his office for the practice of internal medicine at The Eleven Slade Apartments, 11 Slade Ave., Baltimore 8, Md.

J. Howard Latimer, '45, Salt Lake City 17, Utah, writes: "Have been associated with the VA doing Internal Medicine and Psychiatry. Have been recalled to active military duty with Utah National Guard." He will be temporarily stationed at Ft. Lewis, Washington.

Aaron Feder, '38, has been promoted to full Visiting Physician on the Second (Cornell) Medical Division, Cornell Medical School. Dr. Feder also has been appointed to membership on the Medical Board of Bellevue Hospital. For

a number of years he has served as Clinical Associate Professor of Medicine at the Cornell University School of Medicine.

Milton Layden, '38, is located in the Wynnewood Towers, Baltimore 10, Md., and engaged in private practice of psychiatry.

Stephen Lee Magness, '39, of Catonsville, Md., is Assistant Medical Director, Chief of Psychotherapy, Taylor Manor Hospital, Ellicott City, Md.

Merton T. Waite, '40, of Annapolis, Md., is recovering from recent surgery and expects to soon return to his surgical practice.

Phin Cohen, '52, of Brookline, Mass., was Board certified in Medicine in 1960, and a member of Senior Staff of Peter Bent Brigham Hospital, Boston; also on faculty of Harvard Medical School. He boasts three children: Roger 7, Eric 5, and Julia 1 year.

Ursula T. Slager, '52, has been appointed Associate Pathologist at the Orange County General Hospital, Orange, Calif. Dr. Slager also serves as Assistant Clinical Professor of Pathology at the University of Southern California School of Medicine.

Being interested in the pathologic problems of flight and entry into outer space, Dr. Slager has recently completed the manuscript of a book entitled *Space Medicine* which will appear in 1962 and which will be published by Prentice-Hall, Inc.

Leonard H. Flax, '53, who practices general surgery in Baltimore, is the author of a recent article entitled "A New Surgical Drain" which appeared in the *Journal of the American Medical Association* on July 15, 1961.

Stamford A. Lavine, '54, of Washington, D. C., is doing Orthopedic Surgery. He is the father of two boys.

Paul C. Hudson, '55, who completed his residency in neurologic surgery at the University Hospital on July 1, 1961, has announced the opening of his office for the practice of neurologic surgery at 2 East Read St., in Baltimore, Md.

Alfred E. Iwantsch, '55, St. Clair Shores, Mich., writes: "Senior resident in Ophthalmology at the Kresge Eye Institute and Detroit Receiving Hospital under Dr. A. D. Ruedemann, Sr."

Yale Lee Klugman, '55, North Carolina Memorial Hospital, Chapel Hill, N. C. is now in USAF taking residency in Psychiatry.

Henry A. Baer, '56, of Melrose, Mass., is Senior Resident in Surgery at Chelsea Naval Hospital.

Richard G. Farmer, '56, US Naval Hospital, Great Lakes, Ill., reports: Internship Milwaukee County Hospital, Milwaukee, Wis., 1956-57; residency in Internal Medicine, Mayo Clinic, Rochester, Minn., 1957-60.

Marshall Franklin, '56, 2001 Cliffview Rd., Cleveland, Ohio, Clinical Associate in Cardio-pulmonary laboratory, Cleveland.

(Continued on next page)



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land Clinic. Married, Feb. 2, 1958; two sons: W. Gregg, November 20, 1959 and Marshall Mark, June 16, 1961.

Albert V. Kanner, '56, of Madison, Wis., is Clinical Instructor in Ophthalmology, University of Wis., School of Medicine.

Sheppard G. Kellam, '56, National Institute of Mental Health, Bethesda, Md., and is associated with Dr. Jack Durrell (NIMH) in the study of sociopsychological and metabolic factors influencing symptom fluctuation in psychotic patients.

NOTES

C. Herschel King, '56, of Glen Arm, Maryland, has completed residency in Anesthesiology at University Hospital and will enter private practice in Baltimore with a group.

H. Coleman Kramer, '56, of Miami Beach, Florida, is practicing internal medicine and cardiology; office, 407 Lincoln Rd., Miami Beach, Fla.

M. H. M. Lee, '56, of Berkeley, California, is attending School of Public Health, University of California and working toward M. P. H. He is presently with the Heart Disease Control Program, U.S.P.H.S.

Clark Lamont Osteen, '56, of Augusta, Georgia, will complete his residency in Anesthesiology in January 1962.

William M. Palmer, '56, of El Paso, Texas, is Assistant Chief, Department of Pediatrics, William Beaumont General Hospital.

George T. Smith, '56, is in the Department of Pathology, Peter Bent Brigham Hospital, Boston, Mass.

Edwin W. Whiteford, Jr., '56, of Whiteford, Maryland, returned to home town from duty in the Air Force and is engaged in General Practice; one child, Judy Beth, Oct., 1960.

Robert Lee Wright, '56, of Elyria, Ohio, is engaged in practice of Ophthalmology.

CLASS OF 1957

Marvin S. Arons, of Silver Spring, Maryland, writes: "Have completed two years at the National Cancer Institute and have had six research papers accepted for publication. Permanent home, 234 Wakelee Ave., Ansonia, Conn."

Harvey R. Butt, Jr., of Annapolis, Maryland, completed residency in Anesthesiology at Ohio State University in June, 1960, where a Master of Medical Science Degree was conferred in August, 1960. Elected Fellow in Anesthesiology by the American College of Anesthesiologists in Sept., 1960. Now in full time practice of Anesthesiology and associated with a group. Daughter, Susan Elizabeth, born August, 1960.

Marvin Allen Feldstein, of Cleveland, Ohio, is resident in Internal Medicine at Cleveland Clinic.

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James P. Laster, Division of Neurology, University of Washington, Seattle 5, Washington, writes: "Spent two years in England, 15 months doing research in obesity and 9 months at Queens Square, doing postgraduate work in Neurology. Presently at Seattle for a three-year program in Neurology."

CLASS OF 1958

Howard Daniel Bronstein, New York Hospital, Cornell Medical Center, writes: "Two year fellowship in gastroenterology."

Raymond Frank Caplan, Philadelphia General Hospital, Dept. of Cardiology, Philadelphia 4, Pennsylvania, is NIH Research Fellow in Cardiology.

Ernest E. Moore, Capt., M.C., USA, 11 Wheeler Pl., Ft. Stewart, Georgia, is on active duty with U. S. Army.

Granger G. Sutton, Jr., of Ann Arbor, Michigan, was discharged from active military service 24 June 1961 and began residency in Neurology at University of Michigan, July 1, 1961.

CLASS OF 1959

Stanley Z. Felsenberg, of Baltimore, Maryland, is engaged in general practice in Dundalk, Maryland, and associated with Dr. Bernard W. Sollod.

Carlton I. Halle is now Captain, M.C., USA, on active military duty stationed at Seoul Military Hospital, Seoul, Korea; mailing address: APO 301, San Francisco, Calif.

Stanley S. Shocket, St. Louis Missouri, writes: "I have completed a one-year fellowship in Ophthalmology at Me-Millan of the Barnes Hospital Group and now am completing my residency with two years of eye training at St. Louis City Hospital."

School of NURSING

Joan White

NURSES ALUMNAE ASSOCIATION MEETING

The first 1962 monthly meeting of the Nurses Alumnae Association was held on February 6. External cardiac massage, discussed by Miss Joan White, an instructor in the School of Nursing, was explored from its birth in 1957 to its present status in medical practice and implications for nursing practice.

The graduate nursing program, one of 29 accredited programs in 17 states, received a grant of \$2,905.02 from the National Fund for Graduate Nursing Education of New York City. This is the first year of operation for this fund which was conceived by Mrs. Nelson

(Continued on next page)

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A. Rockefeller, Marion Folsom, former Secretary of Health, Education, and Welfare, and others. The current need for capable nurse leaders is about four times that which is provided today. The critical shortage of bedside nurses across the nation and the demands of tomorrow's society reflect an acute need for more adequately trained nurse leaders.

Disbursement of the total \$100,000 was apportioned to the 29 schools by a formula of 40 per cent divided equally and 60 per cent according to the 1960-61 enrollment. The University of Maryland's allotment was higher than any other southern school except Catholic University of America in Washington, D.C.

NIGHTINGALE NOTES TO LIBRARY

Through the interest and generosity of the Dean, Dr. Florence M. Gipe, the School of Nursing has enabled the Health Sciences Library to acquire three notes written and signed by Florence Nightingale. These autographs are on display in the Historical Room of the library.

The messages are addressed to an English chemist, Mr. Platt, M.P.S., and are concerned with immediate delivery of medical supplies to Lea Hurst, the Nightingale home in Derbyshire, England.

According to the records left by the chemist, Mr. Platt, Miss Nightingale "sometimes drove in a carriage to the chemist's establishment herself for supplies, from Lea Hurst."

Such Nightingale items of direct nursing interest are very rare today, and their addition to the nursing historical collection of the Health Sciences Library at the University of Maryland is of significant interest.

School of

PHARMACY

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ANNUAL ENTERTAINMENT AND DANCE

The annual entertainment and dance of the Alumni Association of the School of Pharmacy of the University of Maryland was held on Washington's Birthday, February 22, 1962, at the Emerson Hotel, Baltimore. The day was beautiful, without snow or sleet, which elements caused the 1961 affair on Valentine's Day to be attended by only a few strong-hearts who defied the weather. The auspicious weather on February 22, 1962 brought out more than three hundred persons, including students and faculty of the School to enjoy the occasion.

President James P. Cragg, Jr., extended the welcome and complimented the officers and members of the committees for their interest and cooperation. Sam A. Goldstein, Chairman of the Place and Arrangements Committee, introduced the guests, including Dr. Reginald V. Truitt, President of the General Alumni Association of the University of Maryland, and Mrs. Truitt; David L. Brigham, Director of Alumni Relations, and Mrs. Brigham, as very special guests from College Park, and presented the entertainers.

The entertainment under the supervision of Chairman Ernest Snellinger, aided by Herman Bloom, included special numbers by Tony Drake, N. B. C. Radio City Music Hall's favorite singer, and the personable Lorraine Debo in the Bombshell of Rhythm. The music was by Mark Mantow and his orchestra, and everyone seemed spellbound by the elegance of the entertainment.

The Souvenir Program, with Harold P. Levin, Chairman and Robert J. Kokoski as Vice-Chairman, was a distinct credit to them, as it brought in an excess of two thousand dollars for the use of the Association in the selection of prospective students and providing those who are worthy and in need of financial aid with scholarships through the Student Aid and Scholarship Committee, and also for the work of the members of the Careers in Pharmacy Committee who inform prospective students of many aspects of the pharmacy profession. The support and assistance provided by the many pharmaceutical friends and advertisers, and so generously contributed, is greatly appreciated by the Association.

The splendid work of the Ticket Committee, with Milton J. Brownstein, Chairman and Milton Friedman, Vice-Chairman, showed that they had the cooperation, not only from the students, but from the members of the Association in the sale of tickets.

A special feature of the evening was the amusing and entertaining contest of the dancers of the "Twist" and "Cha Cha" by the younger generation. Prizes, including records and a Seven-Up bottling canister, were awarded to the three successful contestants.

Door prizes were donated by The H. B. Gilpin Company, Owens-Illinois Company, The Paramount Photo Service and Supply Company, Whitman's Candy, and the Seven-Up Bottling Company, and were distributed to those holding tickets of the winning numbers.

To state the affair was a great success is putting it mildly, as there is much enthusiasm and cooperation by the officers, chairmen of committees and just plain members, which bring success to any undertaking of the Association.

(Continued on next page)

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The Annual Alumni Banquet will be held on June 7, 1962 at The Baltimore Union Building, 621 W. Lombard Street. At that time the graduates of the School of Pharmacy of 1912 will be presented with certificates denoting graduation fifty years ago, and membership in the Alumni Association. The Distinguished Alumni of the Association will also be honored on that occasion. The graduates of 1962, with their ladies or escorts, will be the guests of the Alumni Association.

UNIVERSITY COLLEGE

G. Allen Sager

ALUMNI NOTES

A number of Maryland alumni are attending the Army Command and General Staff College at Fort Leavenworth, Kansas. They include: Major James D. Clavio, Mil. Sci., '58; Major Frederick V. Banse-Fay, Mil. Sci., '57; Major Wilbert F. Higgins, Mil. Sci., '61; Captain Richard R. Duemler, Mil. Sci., '61; Lt. Col. LaVerne H. Dahl, Mil. Sci., '55; and Lt. Col. Eugene J. Braun, Mil. Sci., '60.

Army Lt. Col. Harry A. Sommer, '57, recently graduated from the Armed Forces Staff College, Norfolk, Virginia.

Army Lt. Col. Charles J. Shively, Mil. Sci., '61, has been assigned as Assistant Chief of the Operations Division, First U.S. Army Medical Section, Governors Island, New York. He completed his studies while at the Pentagon and is a member of Phi Kappa Phi, scholastic honorary society.

1/Lt. Robert T. Coffey, USAF, General Studies, '61, recently received the U.S. Air Force Commendation Medal for meritorious achievement while serving as Assistant Chief of air traffic at Tachikawa Air Base, Japan.

Army Lt. Col. Charles L. Duke (Ret'd.), Military Studies, '52, has been Commandant of Cadets at the Massanutten Military Academy, Woodstock, Virginia, since his retirement in 1961.

KOZUB AWARDED FELLOWSHIP

Mr. Jacques Jean Kozub of Paris, France, has been awarded a Heinz Fellowship for the current academic year by the Graduate School of Public and International Affairs at the University of Pittsburgh.

The award, announced by Donald C. Stone, Dean of the School, is made possible through a grant from the Howard Heinz Endowment. It is given each year to Master's and Ph.D. degree candidates interested in professional preparation for administrative careers in the field of International Affairs.

Mr. Kozub is the son of Mr. and Mrs. Romain Kozub of 9, rue della

Huchette, Paris, France. He received his B.A. in Government and Politics from the University of Maryland; and has served with the United States Air Force. He was recently stationed at Moron Air Base in Spain, as Education Advisor. He is studying for a Master's degree in the field of International Affairs.

MEMORIAL ARTICLE IN WEST POINT PUBLICATION

The fall 1961 issue of *Assembly*, publication of the Association of Graduates of the U.S. Military Academy, carried an article in memory of Brig. Gen. Herman Beukuma (USA Ret'd.), former Director of the European Division, who died in Heidelberg, Germany, in November, 1960.

The article was written by Brig. Gen. T. D. Stamps (USA Ret'd.), Assistant Dean for Military Studies who, for many years, was an associate of Gen. Beukuma's on the faculty of West Point.

COMPLETED CAREERS

JUDGE ELINAR B. CHRISTENSEN

Judge Elinar B. Christensen, LLB, '24, Chief of the Montgomery County People's Court, died at the age of 64.

Judge Christensen was appointed chief judge of the People's Court in 1955. His current term would have expired in 1964.

After serving in World War I, Judge Christensen entered the University's Law School. He began a private practice in Baltimore after graduation, and later came to the Washington area to practice.

He was a member of the Silver Spring Board of Trade, an organizer and first President of the Silver Spring chapter of Civitans. He was also a member of the Maryland and American Bar Associations, Delta Theta Phi legal fraternity, the American Legion, Veterans of Foreign Wars and St. Luke's Lutheran Church in Silver Spring.

The judge leaves his wife, daughter, mother, and three brothers.

CLAYTON HARLEY

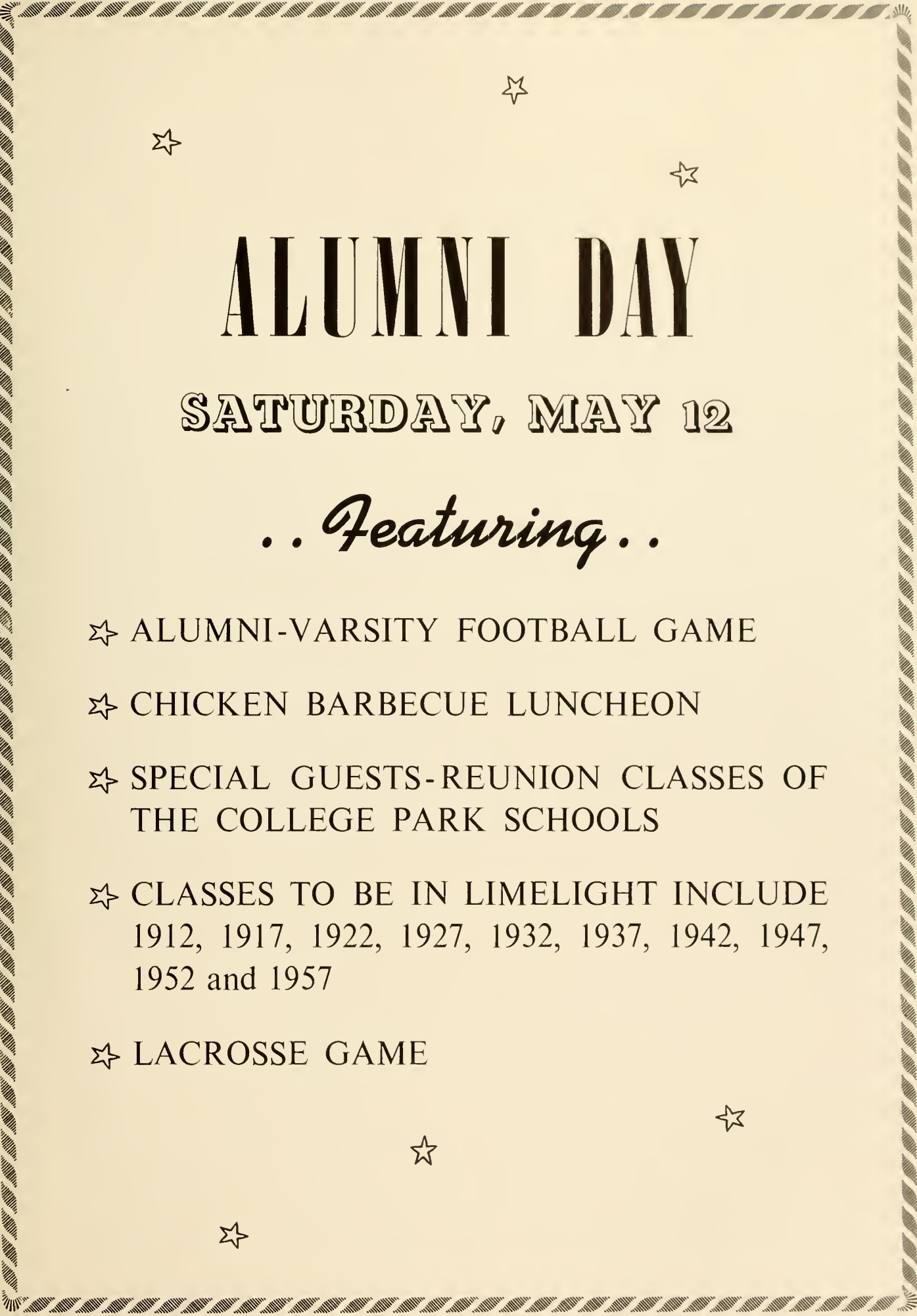
Clayton P. Harley, College of Agriculture, '23, died February 12, 1962 after a long illness. He was with the U. S. Department of Agriculture, Beltsville Research Center for 36 years.

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ALUMNI DAY

SATURDAY, MAY 12

.. Featuring ..

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 - ★ CHICKEN BARBECUE LUNCHEON
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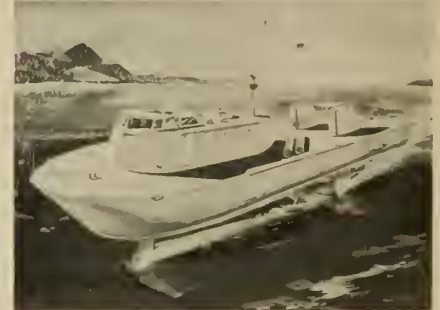
Boeing-Vertol 107 helicopter shown with famous Boeing 707 jetliner, world's most popular airliner. Boeing is world leader in jet transportation.



Boeing B-52H shown carrying mockups of Skybolt air-launch ballistic missiles. B-52s are also jet-fast platforms for Hound Dog guided missiles. They hold 11 world nonstop distance, speed records.



Supersonic Boeing BOMARC, longest-range air defense missile in U.S. Air Force arsenal, is now operational at Air Defense Command bases. New "B" model has range of more than 400 miles.



Drawing of 115-foot hydrofoil craft Boeing is building for U.S. Navy. Riding out of water, craft will "fly" at speeds up to 45 knots on underwater wings.

Bulletin, School of Medicine
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ed space glider is shown, in artist's
tan ICBM for launching. Design
n for conventional landing. Boeing
or for glider and system.



Boeing gas turbine engines power pumps on U.S. Army tug-fireboat. In other applications, Boeing engines power U.S. Navy boats and generators.

Alumni Publication of the University of Maryland

Maryland magazine



Volume XXXIV Number Three • May-June 1962

- A CENTURY OF DEMOCRATIC OPPORTUNITY
- THE UNIVERSITY AND THE STUDENT
- RUSSIA'S TWENTY-YEAR PLAN TO OVERTAKE AMERICA

*One hundred years ago,
President Lincoln signed into law,
the Morrill Act, establishing the system
of land-grant colleges in America.
This unique experiment in higher learning
has flourished in the climate of democracy.
The article beginning on page two documents
and commemorates the achievements of the
land-grant colleges and universities.
The University of Maryland is proud
of its designation as a land-grant institution.
Professor James Wharton has drawn the
illustration below as a salute to
the centennial of the Morrill Act, 1862-1962.*

COPIES OF THE ILLUSTRATION MAY BE OBTAINED
WITHOUT CHARGE BY ADDRESSING A REQUEST TO
THE EDITOR, *The Maryland Magazine*, UNIVERSITY
OF MARYLAND AT COLLEGE PARK.



the **Maryland** magazine

Alumni Publication of the University of Maryland

Volume XXXIV

Number 3



THE COVER: Spring comes again to the campus at College Park. In this photograph, the viewer faces south, toward Somerset Hall, left, and Queen Anne's Hall—both dormitories for women. □ The vernal season is a time of change. For a university all seasons are times of change. In a small way, this issue reflects the enormous on-going enterprise of a great university. Presented within these pages are highlights of President Elkins' annual convocation address; an analysis of the new Soviet 20-year economic plan to surpass America; news of the retirement of two academic deans; the story of the effect of the Land-grant Act in the history of the University; review of a new book, *The Judicial Process in Maryland*; and other items of information. □ All are reflections of a dedicated university, eager to teach, to serve, to learn—a university of which all her alumni may be proud.

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A Century of Democratic Opportunity

As the Land-Grant university of Maryland, the University of Maryland has opened its doors to thousands of young people who otherwise could not have afforded a college education. The University is proud to join the National celebration of the Centennial of the signing of the Morrill Act, establishing democratic opportunity in higher learning.

IN THE CENTER OF THE COLLEGE PARK CAMPUS STANDS a monument to a Vermonter who never saw the University but who had considerable influence in shaping the institution's development.

The monument is Morrill Hall. The man was Justin Smith Morrill, United States Senator from Vermont, and author of an Act of the U. S. Congress to provide for

the endowment, support, and maintenance of at least one college [in each state] where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture, and the mechanic arts . . . in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life.

This year the University and the Nation celebrate the 100th Anniversary of the signing of the Act into law. It was signed by President Abraham Lincoln at an hour when the American landscape was darkened by civil strife and bloodshed.

To accomplish its purpose, the Morrill Act provided initially that each state should receive a grant of Federal land apportioned on the basis of 30,000 acres for each member of Congress. The income from the sale or rental of such land was intended to provide an endowment fund for the continuing support of the colleges—none of the monies were to be used for the physical plant. Three subjects were required—agriculture, mechanics and military tactics. Senator Morrill's Act took cognizance of the new class of American who was evolving from a subsistence farmer to a skilled agriculturist and from a carpenter and bricklayer to an engineer.

In Maryland, as the war ended, the House and Senate of the General Assembly voted to accept the terms of the Morrill grant. For the reason that there was little Federal land in the State, Maryland received script or title to land in northern Alabama. The State sold this land in an all-inclusive parcel to an Ohio speculator for \$51½ an acre. Revenue from this sale was \$112,504. The money was invested in bonds which yielded the College about \$5,300. The return has varied from a \$8,000 high to its present \$3,000.

Although the yield was small, the Morrill Act paved the way for a great university by providing an affiliation with the Federal government. This affiliation gave the institution prestige and an appropriation of about \$1,000,000 a year. But even more important, the acceptance by the State of the land grant from the Federal government firmly linked together the State and the College.

In Maryland and elsewhere, the idea of providing democratic opportunity and technical training for the less privileged provided a ringing challenge to the established system of the classical curriculum. And it wasn't until 1890 that the College, under the influence of the small farmers of the State, began to reemphasize agricultural research and extension.

In 1900, three-fourths of the College budget was directed to those ends; and the State was blanketed by a system of energetic agricultural agents. Largely because of their assistance in every phase of farm life, farm income rose fourfold between 1890 and 1920. During that period the College won national acclaim for its research in soils analysis, fertilizer analysis and entomology.

During the same period the College developed a small but excellent school of engineering which produced some of the outstanding engineers of the 20th Century, including Charles M. White, President of Republic Steel Corporation, and Herschel H. Allen, builder of the Delaware River and Chesapeake Bay bridges, the Baltimore Tunnel, and other projects all over the world.

The democratic ideal envisioned by Senator Morrill took firm root in Maryland soil and today prospers as never before.

"This Act," said Mr. Edward P. Holter, Vice Chairman of the Board of Regents, speaking at the 1961 Commencement Exercises, "was a pledge of faith with the common man that the ideal of democratic opportunity in higher education would be made available to all who demonstrated the capacity to learn.

"When Abraham Lincoln signed this Act into law in 1862 he little dreamed that the vision of Justin S. Morrill would be translated by the land grant university nearest to the Nation's Capital into a program of educational service that spans four continents."

The University of Maryland is proud to join with 67 other land-grant institutions across the Nation in celebrating 100 years of democratic opportunity in higher learning.

The Maryland General Assembly has issued a proclamation commemorating the Centennial.

In recognition of the influence of the Morrill Act on the character of the present University of Maryland, President Elkins has said:

"In a State noted for its liberal traditions since earliest Colonial times, the acceptance in Maryland of the terms of the Morrill Land Grant Act of 1862 opened still another chapter of freedom—this time in higher learning. The basis for the growth of a University in Maryland to provide opportunity for higher education for all the people was assured."

During World War I, General of the A.E.F. John Pershing addresses students and faculty in front of McDonald Hall since razed for the new BPA building. Note the Maryland flag to the left, the American flag, center, and the University service flag, to the right.





Bill White's store, pictured here in 1919, since replaced by Albrecht's Pharmacy.



An early labora

The Morrill Act was significant for two reasons: first, it embodied the then revolutionary idea that everyone with the ability to absorb a higher education should have the chance to attend college; second, it provided the incentive on a national scale to bring this concept of equal educational opportunity to life.

The proposition that all qualified young people should have equal access to college has been taken almost for granted in America during most of the past century. One hundred years ago this was not the case. The proportion of the nation's youth going on to college was small and in fact declining.

One young person in 1,300 went to college in 1838, but by 1869 the ratio was one in 1,900.

It looked as though higher education in this robust new country of vast promise was to be patterned along traditional lines; that the doors of college were to be opened only to the well-born or the wealthy few, as had been the case in the old country.

The Land-Grant Act proclaimed America's independence of this narrow view, and provided the means of moving along the broad way that we have come.

Today approximately one third of college-age people in our country are enrolled in institutions of higher learning.

With less than six percent of the world population, the U. S. has about 40 percent of the university and college population. The following figures illustrate the place in this U.S. system of higher education of the Land-Grant institutions:

- ☐ THEY ENROLL 20 PERCENT OF THE COLLEGE POPULATION;
- ☐ THEY GRANT 40 PERCENT OF DOCTORATE DEGREES IN ALL SUBJECTS;
- ☐ THEY CONFER ABOUT ONE-HALF OF ALL DOCTORATES IN THE SCIENCES, ENGINEERING, AND IN THE HEALTH PROFESSIONS; ALL OF THOSE IN AGRICULTURE, AND APPROXIMATELY ONE-FOURTH OF THE TOTAL IN THE ARTS AND LANGUAGES, IN BUSINESS AND COMMERCE, AND IN EDUCATION ITSELF;
- ☐ THE LAND-GRANT INSTITUTIONS TRAIN ALMOST HALF OF ALL REGULAR AND RESERVE OFFICERS OF THE ARMED FORCES THROUGH ROTC PROGRAMS;
- ☐ OF 35 LIVING AMERICAN NOBEL PRIZE WINNERS WHO WENT TO COLLEGE IN THIS COUNTRY, 21 OF THE NUMBER HAVE EARNED DEGREES FROM LAND-GRANT INSTITUTIONS.

The influence of the Land-Grant institutions extends

The campus as it was in the Thirties. Buildings, left to right: barns, Chemistry (now Zoology), Agriculture (now Skinner), BPA and Arts and Sciences (Francis Scott Key Hall), Horticulture, Engineering (now H. J. Patterson), poultry plant.





Photographed at about the turn of the century.



Threshing wheat on the present site of the Mall.
Building to the left is H. J. Patterson; to the right, Silvester Hall.

into the homes and working lives of all Americans, and of many peoples around the world. Streptomycin, the drug used for control and treatment of tuberculosis, was discovered at a Land-Grant university. Another Land-Grant university is responsible for finding and developing dicoumarol, the chemical substance from sweet clover that prevents clotting of the blood.

Thanks in part to dicoumarol, ex-President Eisenhower, Vice President Lyndon Johnson, and many others are living and in reasonably good health.

The basic work on fatigue of metals that has saved the railroads millions of dollars was done at a Land-Grant institution. Others of these colleges and universities are responsible for the first cyclotron; for pioneering research in television and the transistor; for the beginnings and growth of hundreds of thriving industries, from ceramics to wood pulp and soybean processing.

Many billions of dollars have thus been added to the wealth of the nation, in return for mere millions of investment in these colleges and universities.

One farm worker in America produces enough to feed himself and 23 others, an efficiency ratio without parallel in world history. The productivity of this country's farm plant is in large measure the result of work done by state

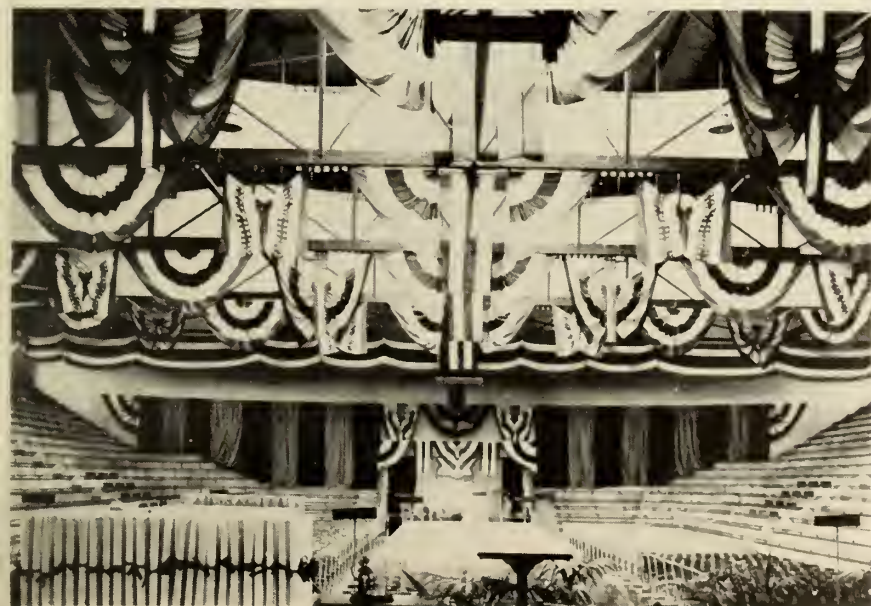
agricultural experiment stations located at Land-Grant institutions.

This record of achievement supports a basic tenet of the Land-Grant faith. It is the belief that the society which supports public colleges and universities is also its chief beneficiary, in terms of national strength and an advancing culture, and in the form of increased wealth, better health, and general well being. Associated with this belief is another: namely, that the value of higher education to those who support it is lessened every time that a qualified young person is denied entrance to college.

For almost 100 years the doors to college have been opened wider and wider, until higher education has become the privilege of the many. Today in America, however, there is an active concern among Land-Grant educators that this trend may be reversing.

The nation is up against vast educational demands that cannot possibly be satisfied with the talent and tools now at hand. About half of the students applying for higher education in 1970 will have to be turned away, unless there is a rapid buildup in college faculties and facilities. To meet this demand U.S. colleges and universities will need twice the annual funds currently available to them, and probably more.

Photograph taken just prior to the 1938 Commencement at Ritchie Coliseum.



Roxsborough Inn before restoration, 1900.
U. S. 1 is dirt road in foreground.





The University and

Highlights from the Convocation

Enrollment

Opportunity today requires a higher level of education. This factor, coupled with a growing population, accounts for the rapid increase in the enrollment of the University of Maryland. Although other institutions, such as the junior colleges, may accommodate some of the demand in Maryland, the University will continue to grow at a rate above the national average. Barring unforeseen developments, we will enroll as many as 25,000 regular day students by 1968. In itself, this is neither good nor bad; the test is on the matter of quality.

Admission and Academic Requirements

The University of Maryland will go slowly and surely in requiring higher qualitative requirements for admissions. The faculty should examine their own standards rigorously and, by the use of clearly defined and absolute measurements, avoid "curving" students out of school.

. . . Radical changes in the Academic Probation Plan are not anticipated, but you may look forward to some changes in the near future which will clarify and simplify the Plan.

Expression of Student Views

You may ask what good does it do to express your views, when they may not be accepted. I think it does a lot of good. It would be improper, of course, to give students authority to set academic requirements; but, it would also be inconsiderate to ignore the opinions of students who have had some experience.

Faculty Salaries

The growth and improvement of the University will require additional faculty and facilities. Recognizing this need, the 1962 General Assembly of Maryland continued to provide faculty positions proportionate to increased enrollment. A new range of salaries for Associate Professors and Professors was accepted. The University did not get everything it requested or needs, but the sympathetic and understanding attitude of the Governor and the General Assembly is very encouraging.

Capital Improvements

In the area of capital improvements, the University received a total of \$5,454,000; divided into an allocation of \$2,772,500 for College Park, \$2,077,500 for Baltimore, and \$604,000 for Maryland State College. While this is the largest amount ever received in one year, it will barely accommodate our essential requirements for classrooms, laboratories, and housing. Appropriations for College Park include funds for a number of improvements in addition to the first dormitory in a new complex at the corner of Stadium Drive and University Boulevard.

. . . an appropriation of \$130,000 was made to enable the University to proceed with final plans for a Fine Arts Building . . .

The dormitory situation is critical. The current plan, dictated by limited funds, is to add one dormitory of five hundred capacity each year. The one now under construction is a large question mark in our September 1962 plans.

There is a possibility of another village of pre-fabricated houses. This will be determined by future developments.

he Student

on Address of President Elkins

March 28, 1962



To accumulate knowledge, to organize facts, to acquire
these are the aims



ROTC

The Air Force has proposed a new plan which, if approved, will eliminate basic ROTC and establish a subsidized advanced program for those who select it and can qualify. Pending this change, we have not recommended any modification. But the time is not far off.

Faculty Development

. . . the University will continue to strengthen itself academically. Faculty development through better salaries, recruitment of top-flight personnel, recognition of effective teaching, aid in the pursuit of advanced degrees, and the encouragement of research have been given the highest priority. To aid in teaching and research, millions of dollars have been and will be spent to improve the libraries, offices, classrooms and laboratories. Notable examples of special resources are the language laboratory, the electron microscope, the betatron to aid in the treatment of cancer, the Van de Graff generator in physics, the nuclear reactor, the nuclear spectrometer, and the \$2,000,000 computer science center now being developed. Research is expanding at a rate of more than \$1,000,000 annually. Honors Programs have been approved in the College of Arts and Sciences and, as other undergraduate colleges add similar programs, an increasing number of excellent students will have further opportunity to develop their capacities for leadership.

The Ordinary Student

As we do more to educate the superior student, we cannot ignore the need to do a better job with the vast majority of ordinary students who are capable of doing college work. Most of you who are listening will make "C's" and "B's." With a little more effort, some of you can make "A's" and "B's," and still remain reasonably well-rounded. The problem is one of motivation and application on the part of the student, and effective teaching and guidance on the part of the faculty and administration. Reports are encouraging, but I still hear from time to time that some instructors inform their classes at the beginning that one-third to one-half will fail. I hope that it is just an ugly rumor. I also hear that some courses are almost devoid of content. This accusation calls for inventory and reexamination. Of course, some subjects are more exciting than others—and this will always be true. It does not mean, however, that certain courses are inherently dull. We need to be more tolerant of individual differences, at both the faculty and student levels, but we do not need to tolerate indifference to learning or teaching.

Tri-Mester Proposal

There are recurring questions about a change in the Academic calendar to a "tri-mester" or quarter plan in order to use facilities more fully during the summer months and to enable students to graduate in three years. This subject

skills, to learn to think, to develop character -
of education; and, all of these require self-discipline.

has been studied by a Committee of the faculty and by the administration. We are not convinced that facilities would be used much more efficiently than at present, and we are doubtful that any sizeable percentage of the students would choose to graduate in three years or should attempt to do so. A change to a quarter system would cost the State about twenty percent more in operating funds. To be effective, it would require a degree of compulsory attendance during the summer term or quarter. Since little if any money would be saved, a sound decision hinges upon student needs and desires. We shall continue to study the feasibility of a change. In the meantime, the summer school will be extended to eight weeks—and possibly longer. This will provide an opportunity for students to accelerate their progress toward a degree.

Tuition and Dormitory Rates

Next year fixed charges will be raised from \$185.00 to \$200.00, and the semester hour cost for part time undergraduate and for graduate students will go from \$12.00 to \$15.00. Effective in June of 1962 room rent will be increased by a little more than 10 percent. These changes have been approved in order to provide the same proportionate share of expenses which have been paid by the student for several years and to enable the University to continue to operate the dormitories and dining halls on a self-supporting basis. They do not constitute any real barrier to higher education.

Responsibilities of Social Organizations

University officials cannot and should not be expected to assume responsibility for the conduct of student affairs under circumstances which cannot be controlled. Fraternities, like other organizations, will prosper if they subscribe to and support the policies of the University; they will decline and eventually disappear if they give only lip service to their high ideals and purposes. The University is committed to devote its time and talents to the improvement of the individual, and this should be the central purpose of all organizations associated with it. The University seeks cooperation and will give support to all who merit encouragement.

Athletic Competition with other Schools

. . . intercollegiate athletics have contributed much to the interest in sports of all kinds and at all levels. They have

provided facilities for physical activities used by all students. While admitting that physical fitness is a national problem, it would be a more serious problem if organized athletics did not exist. True, there have been abuses in highly organized competition in colleges and universities, and we must be constantly on guard against practices that are detrimental to the participants and harmful to the schools. Sporadic abuses, however, do not call for a drastic change. Within the framework of sound educational policies, the University of Maryland will continue to sponsor athletic teams and will strive to excel in every contest.

The University and the Student

The University and the student are inseparable. Faculty research and public services are important functions, but the University is identified with the student and judged by its value to the student. As formal education becomes more essential to individual opportunity and to the state and national welfare, the responsibilities of the colleges and universities become more and more awesome. If the unique American experiment in universal education fails, democracy will lose its vitality and purpose. The structure of higher education must be strengthened as we strive to educate the masses and at the same time improve quality. The individual and individuality must be recognized and encouraged. If individuality is submerged in a mass of mediocrity, this country will lose its leadership and the cause of freedom will suffer a terrible blow.

The student has everything at stake in this gigantic effort to maintain quality. In a democracy where there is freedom of choice, the individual may choose the road to achievement or he may take the path of least resistance.

The important factor will be self-discipline. The University can offer guidance and instruction, but it cannot make the final determination. Only the student can make this choice, and unless self-discipline is imposed from within it will not endure. To accumulate knowledge, to organize facts, to acquire skills, to learn to think, to develop character—these are the aims of education; and, all of these require self-discipline.

The climate of the University of Maryland is improving. It is improving because of the direction provided by the Board of Regents. It is improving because of the competence and efficiency of the faculty and staff, and because you—the students—are responding to the call for a better place in which to pursue your ambitions. As we move ahead, remember that there is much more within your reach than you realize. In this exciting age of space, the goals of yesterday are not enough. Our frontiers lie beyond the stars.

Maryland Books and Authors

by Mrs. Harold Hayes,
Head, Maryland Room, McKeldin Library

THE JUDICIAL PROCESS IN MARYLAND by Elbert M. Byrd, Jr. Bureau of Governmental Research. College Park: University of Maryland. 1961. 80 pp. \$1.50.

THE EVOLUTION OF THE MARYLAND judicial system from the days of the Proprietary of the Calverts to the present time is a subject of fascinating interest to students of government and lovers of historical lore. Obtaining information about the existing court structure of the State is, or should be, important to the average citizen whose daily life is affected by it. Unfortunately, there has been no comprehensive treatment of the subject in a single volume or pamphlet until now. Professor Byrd's monograph supplies this vital need in commendable fashion.

There have been, of course, many treatises on our courts and their development. The author frequently cites an article on Judicial Administration in Maryland by Robert G. Dixon, Jr., appearing in the *Maryland Law Review*, Vol. XVI, Numbers 1 and 2. He refers repeatedly to the excellent work of Professor Reiblich, *A Study of Judicial Administration in Maryland* (1929). It is also apparent that the author borrowed heavily from the book entitled *The Court of Appeals of Maryland, a History* by the late Chief Judge Carroll T. Bond. However, these works, as well as numerous other bits of source material, are not readily available to the general public.

It may well be that the paucity of concise, authoritative information about the court system is the result of continuing changes brought about in the courts throughout the years. As Professor Byrd observes in his concluding remarks, "The most characteristic feature about the judicial process in Maryland is that it has developed by growth and slow adaptation to changing conditions." Illustrative of this statement is the reorganization of the Court of Appeals brought about by the constitutional amendment of 1942, and the creation of the Municipal Court of Baltimore City in 1960 to supplant the obsolete local system of justices of the peace.

The title of this work may be somewhat confusing to lawyers, as the word "Process" has a technical mean-

ing to them. It connotes a summons or order requiring appearance before a judge, or the entire course of a proceeding in an action at law. Evidently this publication is intended primarily to be read by laymen, so that no difficulty should be encountered over its title.

Beginning with the founding of the colony in 1632, the author traces the origins of the Maryland courts through the colonial period to the present. Several interesting commentaries appear on the troublesome days of the Revolution and, later, the War Between the States. The reader learns that the same problems which beset the courts today existed in early times. There has always been a popular demand for speedy trials and the practical administration of justice, as there should be. To accomplish this, a special branch of the municipal court was set up in Annapolis to sit during the semi-annual fair held there. It was commonly called the "court of pypowdry," signifying that a trial could be had "as speedily as dust can fall from the foot" of those attending the dusty fair-grounds.

Four chapters are devoted to the analysis of existing courts, classified as courts of limited jurisdiction, courts of general jurisdiction, the Court of Appeals and the courts of Baltimore City. The first class includes justices of the peace, trial magistrates, People's Courts, the Municipal Court, Orphans Courts and the various tribunals created to hear juvenile causes. In this connection, it is pointed out that Maryland is one of the most decentralized states in the nation. As the result of home rule and local legislation, persons accused of the same offense may be tried before a trained lawyer-judge in one place or before a bucolic justice of the peace elsewhere.

In discussing courts of general jurisdiction, specifically the Circuit Courts for each of the twenty-three counties, it is said that there are relatively few appellate decisions in criminal cases, due to the circumstance that our juries are the judges of the law as well as of the facts. Undoubtedly that statement would have been true just a few years ago, but contemporary decisions of the Supreme Court of the United States have altered the situation radically. As the result, there has been a rash of crim-

inal appeals of recent vintage—a circumstance which, in part, made it necessary to add two additional judges to the Court of Appeals.

The description of the Supreme Bench of Baltimore is susceptible of some misunderstanding. It is stated that the Supreme Bench is not a court in the traditional sense, that it does not try cases and has limited appellate authority. Actually, the Supreme Bench is a duly constituted court with limited power to try cases and no appellate jurisdiction. For example, the Supreme Bench has exclusive power to try disbarment cases. It has jurisdiction to hear and determine all motions for new trials from the Criminal Court, but this is not an appellate proceeding.

Brief reference is made to a quaint practice involving naturalization matters. It is pointed out that two judges of the Supreme Bench are designated annually to hear and determine applications for naturalization, as provided in the Charter and Public Local Laws of Baltimore City. As a matter of fact, there has not been a naturalization case filed in the courts of Baltimore City for at least thirty years. The practice of having any judges available to hear such cases has been virtually forgotten. For some reason or other, the federal court has taken over in the field of naturalization.

Unquestionably, the author did extensive and intensive research in preparing this monograph. The product is easy to read and is remarkable in that it is completely devoid of technical language and legal jargon. Some editing would be in order, especially since the Legislature in its 1962 session completely revamped the salary scales of judges. However, this is a scholarly work on the whole and should be required reading for students of law or government. Furthermore, it should be given as wide circulation as possible, so that everyone may have a clearer understanding of the courts, their origins and the manner in which they function.

REVIEWED BY JUDGE J. GILBERT PRENDERGAST, *Supreme Bench of Baltimore City, Eighth Judicial Circuit. A 1933 graduate of the School of Law, Judge Prendergast served as President of the general Alumni Association, 1956-57.*

THE GENERAL ALUMNI COUNCIL

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U. S. Dept. of Agriculture—
William H. Evans, '26
Washington County—
Carson S. Couchman, '51



THE ALUMNI DIARY

TO BE JUDGED, A LIFE MUST BE LIVED. TO BE READ, A BOOK MUST BE written. To be sung, a song must be composed. To bloom, a flower must be grown. To be obeyed, laws must be enacted. To be adopted, resolutions must be drafted. To be completed, a race must be started. To be corrected, mistakes must be discovered. To be answered, a prayer must be offered. To be remembered, an event must have transpired.

This somewhat odd assortment of jumbled thoughts brings forward two challenging words—*loyalty* and *tradition*. Day in and day out we look for, hope for and attempt to do those things which will build *loyalty*. We seek a lasting devotion and dedication to the University of Maryland. We dream of a Utopia where such *loyalty* is exemplified in the lives of those who are a part, however small, of the University of today, tomorrow and yesterday. In our critical self-analysis we absorb a portion of the burden which focuses attention on apathy first; then a difference in perspective, objectives and experience. Quite suddenly the search for *loyalty* ends in the word *tradition*.

No matter how perfect the nourishment there can be little growth, or beauty, or strength, or concern, or even life, if the roots do not go deep. *Tradition* then becomes vital to the relationship of the alumnus and his *alma mater*. It begins with his first contact and ends only when he reaches that impossible point where he can say, "I no longer need the University and it does not need me."

Perhaps those to whom alumni activity is unimportant, and there are some, have lost sight of the *tradition*. Perhaps, through no fault of their own, they did not have an experience to remember. There was a time when alumni leaders seriously planned a *traditional* spot on campus. It was envisioned as a shrine with trees, benches and a memorial wall upon which would be plaques and name plates. Here the history of the institution and the accomplishments of her sons would have been recorded. Here the annual parade of new faces would discover the roots which have given strength to past generations and hope to the future. Perhaps it is not yet too late.

Tradition is a simple thing. . . . What is there of value in a Freshman-Sophomore tug-of-war across Paint Branch? Who cares about the visit to see Mae at Rossborough Inn or Class numerals on the old water tower? The Hallowe'en bull in Morrill Hall, the canon balls being rolled up the hill by cadets on hands and knees, and the horse skeleton with the phosphorous paint are forgotten. Police raids in the old medical building to halt illegal use of cadavers, the first honorary degree to General Lafayette, and George Washington's dentures are lost in the dust of passing time.

It is startling to note that three-fourths of our alumni have graduated within the past decade. How much of the *tradition* did they have an opportunity to absorb? Is it a wild dream to hope that there may yet be a Shrine on the University campus to link the old with the new, the great heritage with the brilliant future? To be judged, a life must be lived. To be remembered, an event must have transpired. *To assure loyalty, there must be tradition!*

Sincerely,

DAVID L. BRIGHAM
Alumni Secretary

ALUMNI AND CAMPUS NOTES



UNIVERSITY CALENDAR OF ACTIVITIES

JUNE

- 1 Pre-Examination Study Day
- 2-8 Spring Semester Examinations
- 3 Baccalaureate Exercises, College Park
- 3 Commencement Exercises, European Division, Heidelberg, Germany
- 9 Commencement Exercises, College Park

- 16 Baltimore Club Annual Outing
- 18-23 Rural Women's Short Course
- 25 Summer Session Registration
- 26 Summer Session Begins

JULY

- 4 Independence Day, Holiday

AUGUST

- 3 Summer Session Ends
- 6-11 State 4 H Club Week

SEPTEMBER

- 4-7 Firemen's Short Course
- 17-21 Fall Semester Registration
- 24 Instruction Begins



78 Win Degrees in Tokyo

The University of Maryland started down the 1962 Commencement trail on March 25 when 78 U. S. servicemen and civilians received bachelor's degrees in commencement ceremonies in Tokyo.

The occasion was the fifth annual formal commencement of the University's Far East Division. More than 1,200 invited guests observed the 51 students receive their degrees in person from Dr. Albin O. Kuhn, Executive Vice President of the University.

U. S. Ambassador to Japan, Edwin O. Reischauer, delivered the commence-

ment address and was awarded an honorary doctor of law degree. A similar degree was awarded to former Japanese Education Minister, Tamon Maeda.

University College Dean, Ray Ehrenberger, presided, and was assisted by Dr. Leslie R. Bundgaard, Director of the Far East Division. Music was furnished by the Fifth Air Force band and the Aoyama Gakuin Chorus.

Ambassador Reischauer, who was born and schooled in Japan and is an expert on Japanese affairs, told the graduates that although the U. S. "faces grave problems at home, it is the solution of foreign affairs problems that spells life or death to our Nation."

He said that "a broad knowledge of the world outside our country" is essential to the solution of foreign affairs problems and urged the graduates to accept "the duty to broaden your horizons and so bring back to the U. S. a deeper understanding of the Far East."

The Ambassador cited three ways in which persons stationed in the Far East can attain a broader understanding of that part of the world:

Through intelligent, purposeful reading, through penetrating analytical observation, and through getting to know the people.

The graduates were among some 5,000 students who attend evening classes on a part-time basis at 45 military installations in Japan, Okinawa, Korea, Taiwan, and Guam. They included 31 Army and 27 Air Force personnel, 19 civilians, and a U. S. Navy officer.

Forty-four of the graduates were awarded the Bachelor of Arts degree in General Studies and 34 Bachelor of Science degrees in Military Studies. The average of the graduates was 36.8 years.

On Sunday, June 3, an estimated 140 persons are expected to graduate in the European Division Commencement in Heidelberg, Germany. The following week, Maryland will come to the end of this year's commencement trail with the annual spring graduation exercises on the College Park campus.

Mr. Paul-Henri Spaak will be the principal speaker at the European Division Commencement ceremonies.

Maryland Governor J. Millard Tawes will accompany Dr. Elkins to Europe and will extend greetings to the European Division Class of 1962. Mrs. Elkins and Mrs. Tawes will also make the trip.

Dr. Spaak, popularly known as "Mr. Europe" because of his leadership in establishing the European Economic Community and urging a European political union, will receive an honorary doctor of law degree from the University of Maryland.

U. S. Ambassador to West Germany Walter C. Dowling will also be present for the ceremonies and will receive the honorary doctor of law degree.

Approximately 1,500 military and government officials will attend the ceremonies held in the Neue Aula of historic Heidelberg University. University College Dean Ray Ehrensberger will preside and will be assisted by Dr. Mason G. Daly, Director of the European Division.



DR. ALBIN O. KUHN, Executive Vice President of the University, addressed members of the Prince Georges County Alumni Association and University faculty on April 13 at the Student Union Building.

Title of Dr. Kuhn's address was "Here and Now—Your State University." Dr. Jack Cronin, President of the Club, is shown standing.



University of Maryland students who are recipients of fellowships awarded by The Woodrow Wilson National Fellowship Foundation meet with President Elkins. From left to right: President Elkins, Mr. Wehman, Mr. Calitis and Mr. Halstead.

Woodrow Wilson Awards

The Woodrow Wilson National Fellowship Foundation has awarded fellowships to three University of Maryland seniors and accorded honorable mention to five others.

To be used for first year graduate study, each fellowship includes a year's tuition and fees at a graduate school of the recipient's choice.

Acceptance of a Woodrow Wilson Fellowship places a moral obligation on the student to complete at least a year of graduate work and seriously consider entering the teaching profession.

Recipients of the fellowships are Howard H. Wehman, Juris Calitis, and James F. Halstead.

Wehman, a history major in the College of Arts and Sciences, is specializing in African Studies. A 1956 graduate of Belleville High School in New Jersey,

he is the son of Mr. and Mrs. John Wehman of 84 Alpine Dr., Wayne, New Jersey. At the University he is a member of the national history honorary fraternity, Phi Alpha Theta, and the scholastic honorary, Phi Kappa Phi.

Juris Calitis, also a student in the College of Arts and Sciences, is a philosophy major. He attended high school in England, and at the University is the Vice President of the Men's Glee Club. He is the son of Ieva Calitis, 4915 Taylor St., Bladensburg.

Mr. James F. Halstead, an economics major in the College of Business and Public Administration, is a 1958 graduate of Bladensburg High School. A member of the professional business fraternity, Delta Sigma, and member of the Economics Discussion Club, he is the son of Mr. and Mrs. George W. Halstead of Glenn Dale.

Those accorded honorable mention are: Harold W. Byers, Jr., of College Park; Sallie A. Harwood of Riverdale; Richard L. Imley of Wheaton; Roger Poppen of Rockville; and Phillip R. Rogers of Jacksonville.

Committee on Vocational Education

At a recent meeting, B. Herbert Brown, University Regent and President of the Baltimore Institute, participated as a member of an Advisory Group to the President's Committee on Vocational Education.

The meeting was held in one of the conference rooms of the U. S. Office of Education, Washington, D. C.

CONTINUED ON THE NEXT PAGE.

Vocational Education

Mr. Brown was the only private business school man on this Committee which was comprised of college educators and representatives from national organizations such as: The American Vocational Association, National Office Management Association, and the U. S. Department of Commerce.

On February 19, 1961, President Kennedy stated in a speech that he would convene a committee to study the need for more vocational education with the thought of having the committee spell out the Federal role to be played by the U. S. Government with a view to preparing legislation for nationally improving and expanding vocational education.

Dental Alumnus Receives Gorgas Society Award

Dr. Harold Russell Stanley, '48, School of Dentistry, Assistant Chief of the Clinical Investigations Branch of the National Institute of Dental Research, is the first recipient of an award for outstanding contribution to dentistry established by the Gorgas Odontological Society, honorary dental society of the University of Maryland School of Dentistry.

The award was made at a dinner dance April 14 in Baltimore. Dr. Myron S. Aisenberg, Dean of the School, was toastmaster, and George Goodreau, President of the Society, presented the award to Dr. Stanley.

Fund Allocates \$25,000 To Faculty Program

Twenty-five thousand dollars has been allocated by the University's Board of Regents from The Greater University of Maryland Fund for use in the University's Distinguished Faculty Program.

This program was given top priority as a fund objective for 1961.

The Distinguished Faculty Program makes available funds to University faculty for advanced study, faculty internships and faculty projects for research and education, as well as for distinguished professorships.

Howard Filbert, National Fund Canvass Chairman, said recently that The Greater University of Maryland Fund was running 20 percent ahead of last year. The 1962 general canvass began on March 23 and concluded on April 13.

The Distinguished Faculty Program is the Fund's first objective again this year. Other programs which will receive alumni support include strengthening of cultural and research activities on both the College Park and Baltimore campuses and student aid in all schools and colleges of the University.

Drug used Successfully on Psychiatric Patients

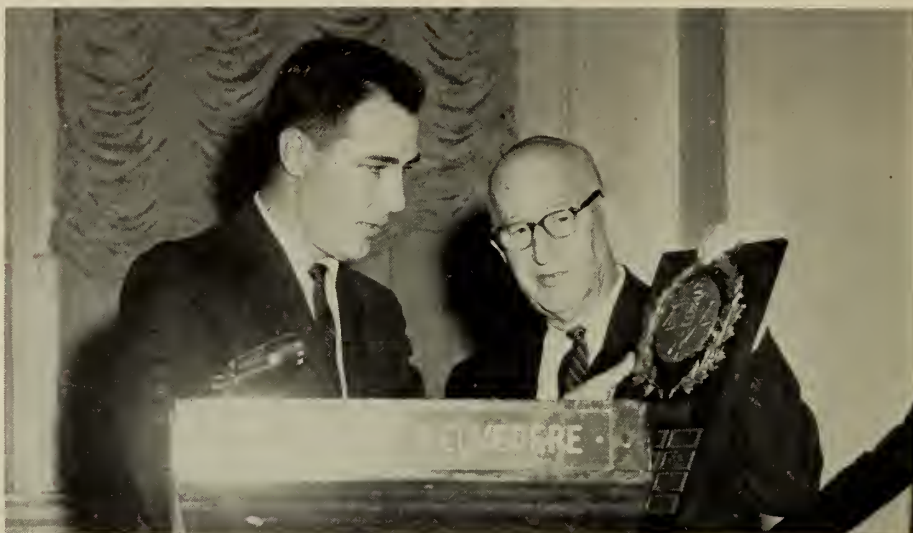
More than 5,000 psychiatric patients have now been successfully treated with Indoklon, a drug substitute for electroshock therapy developed by Dr. John C. Krantz, Jr., Chairman of the Department of Pharmacology, School of Medicine, and his associates.

At a symposium in New Orleans held by 14 investigators who cooperated in developing, synthesizing, and testing Indoklon, reports showed that patients are much more willing to accept Indoklon than shock treatment.

It is now possible to administer the shock treatment without producing convulsions, as was formerly thought necessary. This is accomplished by first giving

a short-acting anesthetic and a muscle relaxant. But even with this advantage, the shock therapy is repugnant to many patients and their families.

Although Idoklon is a convulsant drug, it is now also possible to administer it without producing convulsions. At first, patients were given the drug by inhalation, but the most recent method is intravenous injection. By using the same expedient as with electroshock—simultaneous administration of anesthetic and muscle relaxant—the convulsive effect is avoided even though the brain is thrown out of rhythm in a way that results in relief of certain psychiatric disorders.



Daniel W. Moylan, '61, presents the Roger Howell Award Plaque to Dean Howell. See article on this page reporting the testimonial banquet given in honor of Dean Howell by the Law Alumni Association.

Banquet Held in Honor of Dean Howell

The Alumni Association of the School of Law held its annual banquet, April 7, as a testimonial to Dean Roger Howell, who will retire from the School of Law at the end of June 1962.

Professor A. James Casner, Associate Dean and Weld Professor of Law at Harvard School, formerly of the University of Maryland, delivered the principal address in honor of Dean Howell. The outgoing President of the Alumni Association, The Honorable Emory H. Niles, was toastmaster.

The toastmaster, on behalf of the Alumni Association, presented the University with a fund to endow in perpetuity a scholarship at the law school in honor of Dean Howell. The fund was endowed by money collected from the alumni and increased by gifts from the graduating class of 1961-1962, and other friends. Judge Niles also presented Dean Howell with two bound volumes of tes-

timonial letters from the Board of Regents, the President of the University, faculty members, judges, and attorneys, many of whom were former students.

Members of the Alumni Association presented him with a silver tray and pitcher. And Dean Howell presented a gift to his former secretary, Mrs. Gertrude M. Anderton, who retired last year after 37 years of service.

The graduating class of 1961-1962 presented and welcomed the prospective members of the association and of the bar. Dean Howell presented the school's customary honors and awards.

Mr. Daniel W. Moylan, the class President of 1960-1961, presented a plaque, The Roger Howell Award, to Dean Howell. The Roger Howell Award was established by the class of 1961 in Dean Howell's honor for scholarship and leadership.

Some Recent Grants to the University

For research on foundations of scattering theory and application to physical problems.

U. S. AIR FORCE TO DEPARTMENT OF PHYSICS
\$40,000.

*

For experimental and theoretical research on gravitation.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS
\$95,900.

*

For research dealing with relationship of metabolism to embryological development of *ascaris lumbricoides* var. *suum*.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF ANATOMY AND PHYSIOLOGY
\$20,000.

*

For graduate training in space-related sciences and technology.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TO GRADUATE SCHOOL
\$90,000.

*

For mapping estuarine meanders.

U. S. NAVY TO DEPARTMENT OF GEOGRAPHY
\$4,048.

*

For research on the enzyme containing a product known as Nopgro.

NOPCO CHEMICAL COMPANY TO DEPARTMENT OF DAIRY HUSBANDRY
\$3,000.

*

For a summer institute for secondary high school teachers of French and Spanish.

U. S. OFFICE OF EDUCATION TO THE DEPARTMENT OF FOREIGN LANGUAGES
\$83,246.

*

For an in-service institute in physics for secondary school teachers.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS
\$20,770

*

For investigation of the physics of the solid state.

U. S. ARMY TO THE DEPARTMENT OF PHYSICS
\$304,000.



Dean Smith to Devote Time to Teaching and Research

Dr. Leon P. Smith, Dean of the College of Arts and Sciences, will relinquish his administrative office in June in order to complete a 30-year-old research project and to teach graduate courses.

Dr. Charles W. Manning, Associate Dean of the College, who has been on the University of Maryland faculty since 1946, has been appointed Acting Dean.

Dean Smith has been working for 30 years on a medieval French romance, *Partonopeus de Blois*, which was published once before in 1834. He wrote his doctoral dissertation on this text and has since published fragments of it, the latest in August, 1961.

Resuming his full professorship in the Department of Foreign Languages, Dean Smith will offer graduate courses in old French and the history of the French language next year.

He is internationally known in the field of old French literature and linguistics, and is held in high esteem by members of the faculty and students.

Under his direction, considerable developments have taken place in science—especially physics, the classics, music and the graduate program. Dean Smith established the academic advising program for the College and has been active on the Public Functions Committee.

A native of LaGrange, Georgia, he received his A.B. from Emory University in 1919, and his M.A. and Ph.D. from the University of Chicago in 1928 and 1930.

Dean Smith served in both World Wars. Beginning as a private in 1918, he served in the Army, Navy and the National Guard in the area of military intelligence, also teaching military science and tactics. He retired as a captain in the Naval Reserves in 1958.

His publications range from dissertations on old French manuscripts to classified textbooks for naval personnel. Be-

fore coming to Maryland in 1949, he was Dean of Arts and Sciences at the University of Georgia, Dean of Students at the University of Chicago, and head of foreign languages at Washington and Lee University.

He is a member of Phi Beta Kappa, Kappa Alpha, Alpha Omicron Phi, Phi Kappa Phi, and Sigma Upsilon.

Television at Maryland

Over six thousand students are taking at least one basic course via the closed circuit television system at the University of Maryland. The closed-circuit system is operated independently of the program of TV instruction in broadcasting for students, except that camera men are hired as a result of their training in television courses. Instructional television is under the management of the division of radio/TV in the Speech and Drama Department, and the shows are directed by faculty members or graduate assistants.

The extent of the facilities for closed-circuit covers 5 classrooms in Woods Hall, 11 classrooms in Francis Scott Key Hall, 11 classrooms in the Armory and 5 classrooms in the Foreign Language Building. Immediate plans include the expansion to 14 classrooms in the Math Complex.

Four courses are presently being taught in Sociology, Zoology, Spanish, and Air Science. In the Fall Semester, Mathematics and the lecture portion of Public Speaking will be added to the schedule.

The physical plant available for telecasting and television instruction includes a studio with adequate lighting, three vidicon camera chains, one slide and film chain, a complete control room, an announcer's booth, and an additional space for racks, storage space, and a video tape recorder. These facilities are superior to those of any other institution of higher learning in the greater Baltimore-Washington area.

The radio television division has three staff members and a full-time engineer, plus 3 or 4 graduate assistants who assist with undergraduate instruction and laboratory work. The courses in this division deal primarily with the programming aspects of broadcasting instead of the highly technical aspects which are taught in the College of Engineering. Courses such as introduction to radio and television, production, announcing, news and public affairs, audience analysis, television direction and station management are typical courses taught in the radio/TV division. In any given year, from 30 to 40 sophomore, junior, and senior students are listed as undergraduate majors in speech emphasizing radio and television. 10 or 12 usually graduate with a Bachelor of Arts degree each year.

AGRICULTURE

A. B. Hamilton

HEAGY NAMED STATE CHEMIST

The Maryland State Board of Agriculture has named Albert B. Heagy as State Chemist in charge of the State Inspection Service. He will succeed Leslie E. Bopst who will retire in June after 39 years of service.

The State Inspection Service, established at the turn of the century, is charged with inspection to maintain quality of all feeds, fertilizer, agricultural liming materials, certain supplements, and pesticides sold or offered for sale in the State of Maryland. Statutes under which the service operates call for certain information on every label attached to these commodities, including the brand name, net content, chemical guarantee, directions for use and the manufacturer's name and address.

All commodities are given chemical, microbiological, and microscopic examinations, and labels are checked for misleading or extravagant information by the inspection service.

Mr. Heagy joined the State Inspection Service in 1930 following his graduation from the University of Maryland College of Arts and Sciences. He has had wide experience in the registration and enforcement of the Maryland Agricultural Insecticide and Fungicide Law.

WITH THE FACULTY

Dr. Ronald Bamford, Dean of the Graduate School, was named Vice President of the Southern Association of Land Grant Colleges and State Universities.

Dr. W. W. Green, Animal Husbandry, was a guest professor at the Washington State University Stockman's Short Course.

Dr. Mark Keeney, Dairy, participated in a number of symposia throughout the nation in regard to flavor chemistry and quality of foods.

Dr. W. S. Arbuckle, Dairy, has completed his book on *Ice Cream and Related Products*.

Professor A. B. Hamilton, Administration, participated in the World Food Forum in Washington, D. C.

The Department of Agricultural Economics has three new members on its staff: Dr. Phillips W. Foster, Associate Professor; Dr. J. Paxton Marshall, Assistant Professor; and Dr. James E. Martin, Assistant Professor.

Dr. Amihud Kramer and Dr. B. A. Twigg, Horticulture, have published *Fundamentals of Quality Control in The Food Industry*.

LOPER IN SIGNAL CORPS

Gerald M. Loper, '58, has completed the radio teletype course at the Signal Training Center, Fort Gordon, Georgia. He was trained to transmit and receive code communications including security and methods of getting messages through radio jamming in combat.

DR. ROMOSER JOINS CHEMICAL COMPANY

Dr. G. Lynn Romoser, '51, has been appointed supervisor for animal nutrition products in the Marketing Department of the Monsanto Chemical Company.

NEW USES FOR SPUDS

Harry H. Harp, '54, a staff member of the Market Potentials Branch of the United States Department of Agriculture, has published an article on the processing of potato products.

Potatoes have taken on a new look, due to their widely accepted processed products and a bright future is predicted. According to studies by Harp "over 25 percent of the output of potatoes is now used by processing plants." The main uses are for frozen French fries and dehydrated mashed potatoes.

GOLDSBOROUGH HEADS FOOD PROGRAM

George H. Goldsborough, '40, has been appointed Director of the Matching Fund Program, conducted by the USDA. Goldsborough takes to his new post broad knowledge of marketing of agricultural products, wide acquaintance with marketing people, and familiarity with marketing work being done in the U. S. Department of Agriculture.

In his new post Mr. Goldsborough will work with Departments of Agriculture of the States, and with their Bureaus of Markets, to foster more efficient distribution of food and farm products through development of improved marketing services, as directed in the "matching fund" provisions of the Agricultural Marketing Act of 1946.

College of

ARTS AND SCIENCES

Staff of the College

PERSONAL NOTES

1st Lt. Marvin E. Schlosser, '57, completed the eight-week officer orientation course at The Infantry School, Fort Benning, Georgia, March 6.

W. Roland Knapp, '59, returned to the United States after completing a twenty-one month tour with the Army in Wiesbaden, Germany. Mr. Knapp will resume his duties as a Probation Officer with the Supreme Bench of Baltimore City. At the University he majored in Criminology and took his minor in Psychology.

Patricia Callahan, '57, was married February 17, to Gerard DeSimone, Sacramento, California.

John Stopa, '58, has accepted the position of an Accountant for Sanders Associates, Inc., in the Washington, D. C., office.

2nd Lt. William T. Clagett III, '60, has been awarded the U. S. Air Force navigator wings after completing navigator training at James Connally A.F.B., Texas. He will be assigned to Mather A.F.B., California, for advanced training as a navigator bombardier.

1st Lt. Phillip L. Melvin, '59, is assigned to a U. S. Air Force unit now participating in Exercise Banyan Tree III in Rio Hato, Panama. Lt. Melvin is a transport C-123 Pilot permanently assigned to a unit of the Continental Air Command at Pope A.F.B., North Carolina. He will return there upon completion of the exercise.

Leroy E. Kagle, '58, will receive the M.D. degree in June from Washington University School of Medicine, St. Louis, Missouri. He will serve his internship year at Cincinnati General Hospital.

Winship I. Green, '26, President of the Farmers Bank and Trust Company, Rockville, Montgomery County, has been elected to the Board of Directors of the Potomac Electric Power Company.

Lt. Col. William J. Walker, '57, commander of headquarters of the Division's 15th Cavalry in Schwabach, Germany, recently participated in a combined arms phase of the five-week 4th Armored Division field training exercises in the Grafenwohr-Hohenfels area of Germany.

Kenneth W. Garrison, '61, has recently joined the staff of the Computation Department of the University of California Radiation Laboratory in Livermore, California.

Kenneth R. Thornton, '58, has been appointed Sales Representative in Maryland, Washington, D. C., and Virginia for Stanley Tools, New Britain, Connecticut.

Martin Jay Goldberg, '57, received his D.D.S. degree from Howard University School of Dentistry last spring and is now a Lieutenant with the U. S. Air Force stationed in Georgia. He and his wife, the former Gloria Wolf, also a graduate of Maryland, have two girls.

CONTINUED ON PAGE 21.

RUSSIA'S TWENTY-YEAR PLAN TO OVERTAKE AMERICA

by DR. NORTON T. DODGE, *Assistant Professor of Economics, currently on leave for study at the Russian Research Center, Harvard University. His research is being supported by a Ford Foundation Faculty Research Fellowship.*

THE DISSENSION WHICH SHATTERED THE MONOLITHIC FACADE OF THE 22ND Congress of the Communist Party of the Soviet Union in October tended to overshadow the unanimous endorsement by the Congress of an ambitious 20-year program for overtaking America and building a communist society. While the attacks launched against Stalin, the anti-party group, and Albania (as a substitute for China) are already history, Premier Khrushchev's 20-year plan promises to remain for many years the most comprehensive and fundamental blueprint for the advance of Soviet society.

This program sets forth the party's grand design for the development of industry, agriculture, and living standards and establishes goals to be achieved in the transition from the stage of socialism, when goods are distributed according to a person's contribution, to communism, when goods are distributed according to need. In the next two decades, according to Khrushchev, an "abundance of material and cultural wealth" will be assured the entire Soviet population and the threshold of communism reached. The complete building of communism, however, is to be completed later and undoubtedly will be the subject of yet another party program at some future congress.

THE LAST PARTY PROGRAM OF SUCH COMPREHENSIVE scope was adopted at the Eighth Congress held in 1919. During the four decades which have followed, the party has pursued with singleminded purpose and with little regard for human costs a Draconic policy of forced industrialization. The peasantry, the factory workers—people in all walks of life—were repeatedly asked to make sacrifices for the future. Yet, despite the great gains achieved in heavy industry, the promised future always seemed to recede as the years passed and to remain as unattainable as ever. It is understandable that Khrushchev, proud of the gains achieved under his leadership, should feel that the time had finally come to reveal more concretely the shape of the future and to provide a specific timetable for the advance toward communism.

The new program was designed to justify both the party's past policies and its future plans. As Khrushchev declared:

THE PARTY'S THIRD PROGRAM HERALDS THE COMING OF A PERIOD IN WHICH ALL THE DIFFICULTIES AND PRIVATIONS WHICH THE SOVIET PEOPLE HAVE ENDURED FOR THE SAKE OF THEIR GREAT CAUSE WILL BE MADE GOOD A HUNDREDFOLD.

(*Pravda*, October 18, 1961).

The choice of an unprecedented 20-year perspective is understandable in this context—the goals seem attainable by this generation yet are far enough removed to avoid contradiction by existing conditions. Presumably party workers armed with the new and more potent slogans supplied by the program will be better able to mobilize popular support for the party's policies at home and abroad.

The program is also aimed at communist parties in other countries and represents a bid by the Soviets to maintain their doctrinal leadership in the communist camp. It attempts to show that no shortcuts to communism are possible and that the Soviet Union will lead the march to communism. The premature attempt by the rival Chinese to decree "full communism" through the establishment of communes was sharply criticized by implication. Khrushchev emphasized that to decree the introduction of communism before the necessary conditions have matured is an irreparable mistake which compromises the idea of communism and delays its advance. Khrushchev declared more recently,

COMMUNISM MUST NOT BE REGARDED AS A TABLE SET WITH EMPTY PLATES, AROUND WHICH SIT HIGH-MINDED AND FULLY EQUAL PEOPLES. TO INVITE PEOPLE TO SUCH COMMUNISM IS TANTAMOUNT TO INVITING PEOPLE TO EAT SOUP WITH A FORK. THIS WOULD BE A CARICATURE OF COMMUNISM.

(*Pravda*, March 6, 1962).

Finally, the program was directed toward the less developed countries of Asia, Africa, and Latin America for whom even the present low standard of living in the Soviet Union represents a vast improvement. If the 20-year plan is successful, the Soviet Union will have travelled the path from poverty to affluence and power in little more than sixty years. This example—even though now only a possibility—can be expected to exert a powerful attraction for the leaders of the less developed countries.

What are in fact the prospects for fulfilling Khrushchev's ambitious program? Is the plan realistic, or is it a propaganda myth? While it is impossible to look ahead 20 years with much confidence, it is possible to compare future goals with past performance and to identify some of the more important problems and inconsistencies in the

plan. The program, it should be noted, is not a plan in the usual sense of a one-year, five-year or, more recently, seven-year plan. It is quite general in character and presents only a limited number of targets which have not been fully integrated with one another. Among the more important of these targets are the planned 6 fold increase in gross industrial output, the 3.5 fold increase in agricultural output, the 5 fold increase in national income, and the 4.5 fold increase in consumption.

The prospect for achieving the scheduled six-fold increase in industrial production is fairly good. This means an annual increase in output of almost 10 percent as a result of an increase of slightly more than 10 percent in the production of producers goods and of 8.5 percent in consumers goods. The greater emphasis on producers goods reflects the established Soviet policy of favoring the capital goods industry in order to promote growth. But emphasis on heavy industry has been somewhat softened in the 20-year plan. These rates of increase are all in line with the actual performance of Soviet industry during the past five years.

The weakest link in the plan is the agricultural sector. During the past decade when various reforms in administration, organization and incentives were introduced and the sown area increased by a third through the opening of the "virgin lands," a 60 percent increase in agricultural output was achieved—largely during the period from 1954 through 1958. Following the bumper crop year of 1958, however, a progression of poor harvests and failures in meat and dairy production led to near stagnation in output. It is against this background of trouble that the ambitious goals for agriculture must be measured.

During the next decade, agricultural production is scheduled to grow 2.5 fold, and a 3.5 fold increase is planned for the entire 20-year period. While the goal of an annual increase in output of almost 10 percent during the first decade seems sheer phantasy, the 3.4 percent annual increase scheduled for the second decade is reasonable. Indeed, the difficulty of achieving the first goal has been confirmed by the Premier's own testimony at the recent Party Plenum following the 22nd Congress which was devoted to the current agricultural crisis.

As remedies Khrushchev has proposed the following: 1. radical changes in the crop rotation system to produce more animal fodder; 2. further expansion of the sown areas through irrigation and reclamation; 3. new regional farm administrations to coordinate farm management; 4. increased production of farm machinery and chemical fertilizers; and 5. new material incentives, as yet unspecified. But the reasons for the chronic lag in agriculture lie deeper. At the present low level of productivity the government is unable to provide adequate material incentives without sacrificing other sectors of the economy. Hence, the peasantry are reluctant to work on the collective land where the returns are low. The top-heavy agricultural administration also suffers from excessively centralized decision making and confused lines of authority, particularly at the local level. This situation is not likely to be improved by more centralization.

In coping with these problems the party is trapped in a major contradiction: without a sharp rise in agricultural production it will be impossible to build communism, yet to achieve the rise in output required it may be necessary to depart from communist principles of agricultural organization. There are no indications, however, that any such departures are contemplated. As a result, the present difficulties in agriculture may be expected to continue.

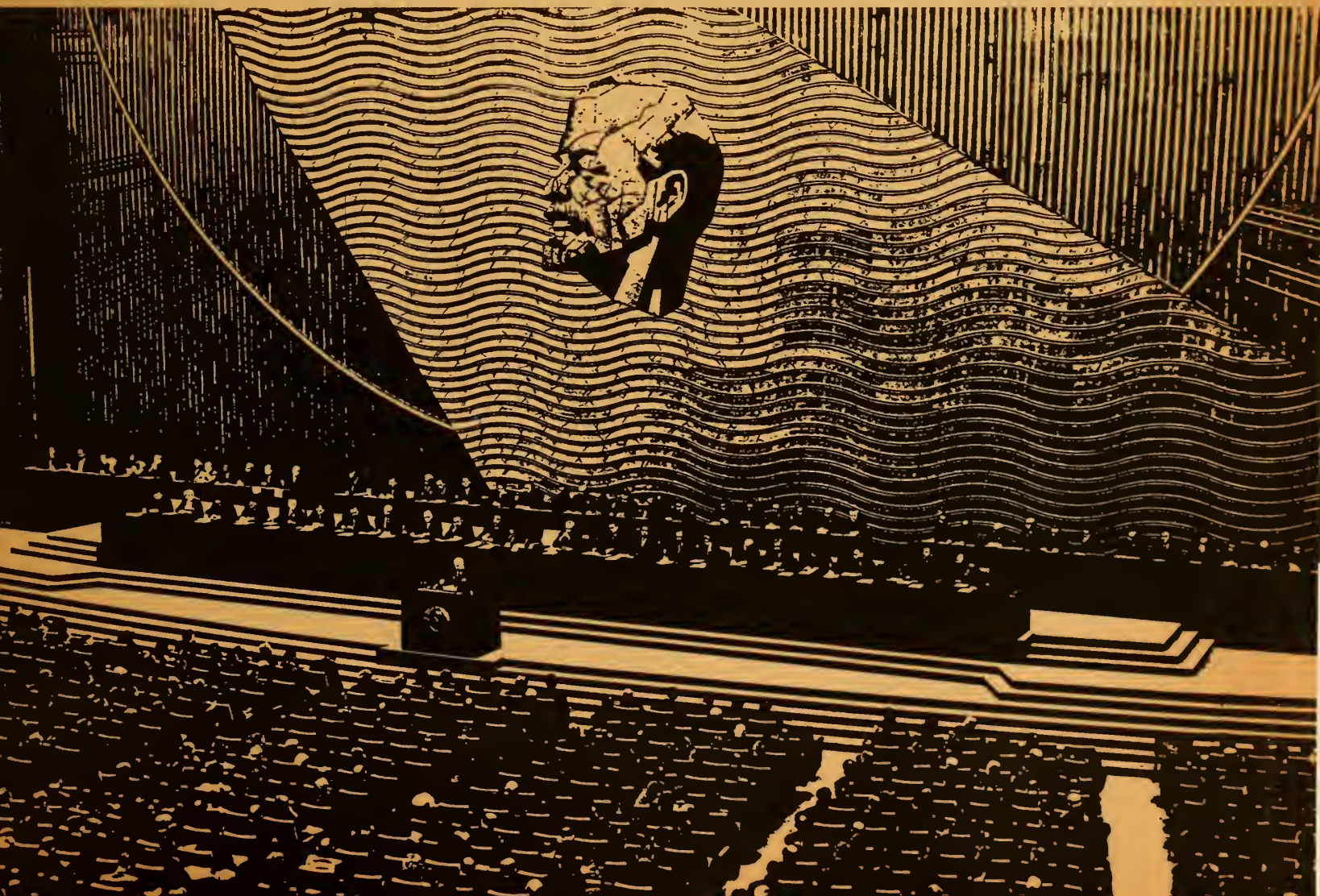
FAILURE TO FULFILL THE 20-YEAR AGRICULTURAL plan will make achievement of the national income goals highly questionable. A five-fold increase over the next two decades has been planned, but the best Western estimates suggest that a 3.5 to four-fold increase is more probable. Furthermore, to the extent that the standard of living is dependent upon agriculture it is unlikely that the planned 4.5 fold increase in consumption can be achieved. Agricultural performance determines, of course, not only the supply of food but also the availability of such consumer items as textiles, clothing, leather shoes, and the like. On the other hand, the outlook for consumer durables is more favorable, but no specific promises can be found in the plan. The response of Soviet citizens to this part of the plan may be further dampened by Khrushchev's statement that many of the requirements of the population are to be met by the establishment of communal kitchens, laundries, and repair shops. Clearly the aim of this feature of the program is not only to conserve resources but also to free additional women, who already make up 48 percent of the non-agricultural labor force, for work outside the home. With regard to housing, consumers are promised a tripling of housing space by 1980. If this goal is achieved, it will mean about 11 to 12 square meters of space per person, a modest aim by European or American standards. It is doubtful, however, that these goals can be achieved since housing has tradi-

tionally been expendable if fulfillment of the higher priority industrial sector of the plan should be threatened. Of course, the entire consumer picture could change radically for the better if disarmament became a reality.

Interestingly, the good life depicted by Khrushchev seems much like the "bourgeois affluence" already achieved in the United States. There are some differences, however, which Khrushchev undoubtedly felt necessary to differentiate the promised communist plenty from existing capitalist luxury. In addition to providing more of the good things in life, the plan calls for the eventual abolition of all charges for housing, utilities, local transport, school supplies, and so forth. By 1980 half of consumption is to be provided the public communally at no cost.

The prospects for fulfilling this aspect of the plan are good, although the benefits to the consumer are doubtful. Whether the consumer pays directly for services or through taxes is mainly a bookkeeping problem. The amounts paid for these services are now quite low and can be canceled without a serious strain on the treasury. Benefits to the consumer will accrue only if the quantity and quality of the services provided are improved. Also, the provision of free services does not equalize incomes unless equal access to the services is provided. In the case of housing, for example, the allocation of scarce apartment space will certainly continue to widen income differentials by providing larger, more desirable apart-

Premier Khrushchev addressing the 22nd Congress of the Communist Party of the Soviet Union.





An open hearth furnace being charged with pig-iron at the iron and steel mill in Nizhni Tagil.

ments to those in high-priority, high-income positions. Furthermore, the provision of a larger proportion of free services will reduce consumer choice. Consumer welfare cannot, therefore, be considered the central aim of these measures. They are aimed, rather, at satisfying communist dogma and at making the provision of consumers goods more amenable to the planning process.

Is there any comfort to be found in the prospect that the new party program is not likely to be fulfilled? Our previous discussion indicates that despite probable failure to fulfill certain sectors of the plan, Soviet production will continue to grow at a very rapid rate. The full implication of this can be seen from a few figures. If the Soviets maintain an annual growth rate of between 6 and 7 percent for the next two decades, which is quite possible, and if the United States continues to grow at only a little more than 3 percent, the Soviets will overtake us shortly before Orwell's prophetic year of 1984. Khrushchev's awareness of this arithmetic and of its political implication is shown by his own words:

THE TIME IS APPROACHING WHEN, IN ITS SHARE OF WORLD PRODUCTION, SOCIALISM WILL TAKE FIRST PLACE. . . . THE VICTORY OF THE U.S.S.R. IN ECONOMIC COMPETITION WITH THE UNITED STATES, THE VICTORY OF THE WHOLE SOCIALIST SYSTEM OVER THE CAPITALIST SYSTEM, WILL BE THE GREATEST TURNING POINT IN HISTORY. THEN EVEN THE GREATEST SKEPTICS . . . WILL MAKE THEIR CHOICE IN FAVOR OF SOCIALISM.

(Pravda, October 18, 1961).

As we have seen, such a statement cannot be lightly dismissed. It calls for a vigorous response from us and for a response while a margin of safety remains.

AN EFFECTIVE RESPONSE TO THE SOVIET Challenge must, of course, come on many levels. However, only a brief outline of a positive economic program can be presented here. As an initial step, full employment should be restored through a more vigorous application of existing fiscal and monetary measures and a broader attack on structural unemployment. Achieving full employment should increase output by as much as seven or eight percent, but further increases require raising the long-term growth rate, a task involving formidable difficulties. Raising the long-term growth rate will require increased investment in plant and equipment, in science and technology, and in the development of individual's knowledge and skills.

The goal of increased investment in the private sector is not easily achieved in a free economy where the market determines priorities. But the establishment of a set of national economic goals should raise the sights of businessmen and encourage a reinforcing consistency in private investment plans. Sustained full employment should also encourage a higher, more stable level of private investment. To increase investment in human capital we need more support for all levels of our educational system. Similarly, the more rapid development of science and technology calls for more public support.

A higher level of investment in these growth-contributing areas can be achieved only at the expense of the share of consumption in our national income. This means that the public must give up some luxuries initially to gain a better chance for our system's survival in the long run. Raising our growth rate by only a little more than one percent per annum would postpone for many years the date when the Soviets catch up. This would provide time for the ameliorative forces working toward a more humane and less doctrinaire Soviet society to grow in strength and influence. Also in the long run, the divisive forces developing within the Communist Bloc should tend to weaken the aggressive thrust of world communism. We must, therefore, take the necessary steps to gain time for these forces to have an effect.

Let us hope that with better understanding of our adversary's capabilities, the American public and its representatives will awaken in time to the necessity for a vigorous response to the economic challenge of Khrushchev's 20-year plan.

Arts and Sciences

CONTINUED FROM PAGE 16.

NEW APPOINTMENTS

Dr. George Anastos, Acting Head of the University of Maryland Department of Zoology, has been appointed permanent Chairman of the University Department.

At the same time, two appointments were made to the Department of Physics faculty.

Dr. Gart Westerhout was named Professor of Astronomy, and Dr. William Erickson was appointed Associate Professor of Astronomy.

Dr. Anastos came to the University from Miami University in 1951. He holds a B.S. degree, with distinction, from Akron University, and A.M. and Ph.D. degrees from Harvard University. And in addition to his academic affiliations, he is a consultant for the Department of Defense and The National Science Foundation.

Dr. Westerhout, a native of The Hague (Netherlands), holds degrees in mathematics, physics and astronomy from the University of Leiden. Since 1960 he has served as Chief Scientific Officer at the Leiden University Observatory. He is a member of the Dutch Astronomical Society, International Astronomical Union and Astronomical Society of the Pacific.

Dr. Erickson, a graduate of the University of Minnesota where he received a B.A. degree in mathematics and M.A. and Ph.D. degrees in physics, has served as the Senior Staff Scientist at the Convoir Scientific Research Laboratory since 1959. He is a member of the American Astronomical Society, International Scientific Radio Union, American Geophysical Union and the Astronomical Society of the Pacific.

PETER HAUKE AWARDED POSTDOCTORAL FELLOWSHIP

Peter Hauke, '58, has been awarded an American Chemical Society Petroleum Research Fund Postdoctoral Fellowship for the academic year 1962-1963.

Mr. Hauke is now a resident of Pittsburgh, Pennsylvania. He received his Bachelor of Science degree from the University in chemistry, and in 1961 he was awarded the Master's degree in chemistry from the Carnegie Institute of Technology and expects to receive the Ph.D. from the same institution in August 1962.

He will pursue his postdoctoral fellowship at the California Institute of Technology. His field is theoretical physical chemistry, and the area in which he wishes to carry on his research is molecular spectroscopy.

RECENT TALKS BY LANGUAGE PROFESSORS

Various members of the Foreign Language Department have been lecturing this spring. Dr. Douglas W. Alden, Head of the Department, addressed the Maryland Chapter of the A.A.U.P. on April 12. His subject was the new Foreign Language Program. Dr. Leonora Cohen Rosenfield gave a talk March 29 for the Philosophy Club on "Mysticism and Rationalism in Morris R. Cohen."

Dr. Graciela P. Nemes made an address on March 26 before the Spanish Club of Mary Washington College in Fredericksburg, Virginia. "Facts and Fiction in the works of Juan Ramon Jimenez" was her topic. She also delivered a series of lectures on "Life and Works of Juan Ramon Jimenez" for students of contemporary Spanish literature at Trinity College, on April 5, 9 and 12.

On June 13, Dr. W. R. Quynn will speak to the Club de Liaison Franco-Américain of Washington on the subject of life in a Maryland town in the eighteenth century.

LATEST FRENCH PUBLICATION

Dr. Jean Alter of the Foreign Language Department contributed two book reviews for the April issue of *The French Review* on recent fiction in France, Rogier Bordier's *Les Blés*, and Henri Thomas, *Le Promontoire*.

BOOK AND AUTHOR LUNCHEON

Dr. W. R. Quynn of the Foreign Language Department and his wife, Dr. Dorothy Quynn, were among the guests of honor at the Book and Author Luncheon given by the Friends of the C. Burr Artz Library of Frederick, Maryland, on April 7. The Quynns were honored for their work in Maryland history.

College of BUSINESS AND PUBLIC ADMINISTRATION

Prof. James H. Reid

MRS. JOHNSON NOW AT WORK ON THIRD BOOK

Mrs. Elizabeth Harrover Johnson, '40, of Princeton, New Jersey, has finished her second book published by Ives Washburn, Inc. of New York. It is called *Almost Cousins* and is recommended reading for boys and girls of the 8-12 age group.

Mrs. Johnson's first book, *The Mysterious Trunk*, was published over a year

ago and continues to be a favorite across the country in libraries and book stores. She is now at work on her third book. This book is concerned with horses which is a familiar subject to Mrs. Johnson as she and her children train horses on their farm and show them in competition.

She was born in Manassas, Virginia, and met her husband, David O. Johnson, Agr. '41, at the University. Mr. Johnson is President of Princeton Polychrome Press.

Mrs. Johnson is President of the Princeton Community Homemaker Service and was one of its organizers. She also serves as a volunteer at the Lawrenceville Community Library. She is the mother of three children.

PERSONAL NOTES

1st Lt. John D. Jackson, '58, completed the eight-week officer orientation course at The Infantry School, Fort Benning, Georgia, March 6.

David J. Kelly, '53, has been appointed News Director of KDKA Radio, Pittsburgh, Pennsylvania.

Frank E. Johnson, Jr., '58, has taken a job with the Department of Health, Education, and Welfare, as a Management Analyst.

1st Lt. Richard S. Watt, '60, received the United States Air Force Commendation Medal. The award was given in recognition of his meritorious service as Administrative Officer at McCoy A.F.B., Florida.

Roy Schiller, '58, was working on his Master's degree in finance at CCNY before he was recalled to active duty by the Army and is now serving with the 92nd Field Hospital, Fort Gordon, Georgia.

David Reznick, '59, and Stuart M. Fedder, '59, who are partners in the CPA firm of Chakin, Fedder and Reznick of Washington, D. C., were recalled to active duty by the Army and are stationed at Fort Campbell, Kentucky.

SOLDIER OF THE YEAR

Basilio M. Liacuris, '60, was named "Soldier of the Year" of the 2nd Battle Group, 21st Infantry, at Schofield Barracks, Hawaii, and promoted to Specialist Fourth Class.

Mr. Liacuris is a member of Kappa Alpha fraternity, Sigma Delta Chi, and American Public Relations Association. He was also co-captain of the Soccer team, selected All-American and All-South team in Soccer.

SCHOLARSHIPS AWARDED JOURNALISM STUDENTS

Scholarships totaling \$1,950 have been awarded to five University of Maryland journalism students.

(Continued on next page)

The scholarships are awarded annually on the basis of student dedication, scholarship and need.

John W. Prial of College Park, Maryland, received the \$500 *Baltimore Sunpapers* scholarship. A Navy veteran who served as managing editor of the *Diamondback* student newspaper, Prial is married and has a 4-month-old son.

Jay F. Morris of Hyattsville, Maryland, was awarded the \$500 Colortone (Press) Graphic Arts and Publication scholarship. He has served as reporter and associate editor on the *Diamondback*. He also is married.

Jerry M. Bayne, son of Mr. and Mrs. Melvin J. Bayne of Baltimore, Maryland, received a \$375 *Baltimore News-Post* scholarship. He is Assistant Sports Editor of the *Diamondback*.

Russell Potts, son of Mr. and Mrs. H. R. Potts of Winchester, Virginia, was also awarded a \$375 *Baltimore News-Post* scholarship. Potts, who is Thursday Managing Editor of the *Diamondback*, is Vice President of Phi Delta Theta fraternity.

Monica Matzek, daughter of Mr. and Mrs. Ben Matzek of Silver Spring, Maryland, received the \$200 Montgomery County Press Association scholarship. She has filled several positions on the *Diamondback* and is a member of Kappa Alpha Mu, photojournalism honorary.

ARTICLES PUBLISHED

An article entitled "Political Theory and Public Administration—A Growing Interdependence?" by Conley H. Dillon, Professor of Government and Politics, has just been published in *Public Administration in an Era of Change*. This article was the result of the work of Dr. Dillon as a reporter of a panel discussion at the 1961 Conference of the American Society of Public Administration.

Mr. James H. Wolfe, Instructor in the Department of Government and Politics, has published an article on "Antarctic Territorial Claims: A Prognosis" in *Foreign Affairs Reporter*, April, 1961.

1962-1963 CONGRESSIONAL FELLOWSHIP PROGRAM

Dr. Elmer Plischke, Head of the Department of Government and Politics, has completed an important assignment as Chairman of the Advisory Committee for the 1962-1963 Congressional Fellowship Program with the selection of the winners of the National Competition for these posts.

The American Political Science Association in cooperation with the U. S. Congress has sponsored this program since 1953. It gives promising teachers and reporters in the field of American government a unique opportunity to participate actively in the work of Congress and thereby broaden their background of contemporary political affairs. The announcement of the winners of the program was made this month and included eight political scientists, eight journalists and one social psychologist. This group will come to Washington next November for ten months to work as staff assistants in congressional and senatorial offices, engage in personal and group research and meet with national political figures. Each winner will receive \$4,500.00 plus traveling expenses. This program is financed by a grant from the Ford Foundation and other funds. The distinguished members of the Advisory Committee chaired by Dr. Plischke are as follows:

John Brademas, U. S. House of Representatives (Democrat, Indiana)

Douglas Cater, *The Reporter Magazine*
Orville L. Freeman, Secretary of Agriculture

Richard Kirkpatrick, *The Cincinnati Enquirer*

John Kyl, U. S. House of Representatives (Republican, Iowa)

Eugene McCarthy, U. S. Senate (Democrat, Minnesota)

Joseph McCaffrey, American Broadcasting Company (radio and television commentator)

Elmer Plischke, chairman, Department of Government and Politics, University of Maryland

Leverett Saltonstall, U. S. Senate (Republican, Massachusetts)

Richard Scammon, Director of the Census

School of

DENTISTRY

Kyrle W. Preis, D.D.S.

THE FOURTH TRIENNIAL

The Fourth Triennial Meeting of the Alumni Association was held in Baltimore this past March. Because of a common misunderstanding which arises when the word "triennial" is used, an explanation is in order. The Dental Alumni Association, one of the largest and most active in the University, holds its annual meeting during June Week; but in recognition of the founding dates of the Baltimore College of Dental Surgery, the first dental school in the world (March 6, 1840), every three years a special meeting, which incorporates scientific sessions and social activities, is arranged.

The facilities of the new Student Union Building directly across Lombard Street from the Dental School were put to good advantage during this latest meeting which began with greetings from Dean Myron Aisenberg. The following alumni gave scientific presentations: Irving Newman '32, David Scott '43, Sidney Liberman '38, Irving Abramson '22, Eugene Hinds '52, Conrad Fertita '59, Jose Diaz '50, Nicholas Giuditta '38, Anthony Klein '58, Ernest Nuttall '31, Philip Smith '59, and Robert Swinehart '37. Dr. Abramson, co-chairman of the Triennial Meeting, was responsible for the scientific arrangements.

The highlight of the social activities was the Dinner Dance at the Belvedere Hotel on Saturday evening. Dr. Katharine Toomey, retired administrative assistant at the Dental School, and Dr. J. Stephenson Hopkins of Bel Air, Maryland, were the honored guests.

Greetings were extended by Mrs. John L. Whitehurst, Board of Regents, University of Maryland; Dean Myron S. Aisenberg, Faculty, Dental School, University of Maryland; Mr. David L. Brigham, Director of Alumni Relations, University of Maryland.

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PRESENTATION OF PLAQUE marking site of the Baltimore College of Dental Surgery. Left to right: Mr. McCormick, Dean Aisenberg, Mr. Stockbridge, Professor Foley and Dr. Preis.

The President of the Alumni Association, Joseph P. Cappuccio '46, who conducted the ceremonies, presented the certificates to the following members of the class of 1912 on their golden anniversary: William Lurty Baugher, Harrisonburg, Virginia; J. Fernandez Carballo, San Juan, Puerto Rico; Robert Lee Hicks, Florence, South Carolina; Thomas Halliday Hoffman, York, Pennsylvania; Arthur Lankford, Baltimore, Maryland; Davitt M. Moroney, Collinsville, Connecticut; Harry D. Rhein, Harrisburg, Pennsylvania; Carl Edward Schlieder, Baltimore, Maryland; Robert Lamont Strickland, Buffalo, New York; George Patterson, Asheville, North Carolina.

The Chairmen of the other class reunions which held their celebration during the alumni banquet were: A. P. Scarborough '07, Arthur Lankford and C. Edward Schlieder '12, E. B. Jackson and Oscar E. Culler '17, Ethelbert Lovette and Daniel E. Shehan '22, Brice M. Dorsey '27, Wilbur D. Burton, Jr. and John C. Heck '37, Irving Katz '42, and E. G. Vandenbosche '47.

In presenting Dr. Hopkins, George Anderson '19 said: "James Stephenson Hopkins graduated Summa Cum Laude, 1905, from the Dental Department of the University of Maryland. Since then his professional abilities have been equally superior and they have been recognized by a public confidence and esteem, the like of which all of us would be fortunate to possess. His profession recognized the quality of the man by electing him President of the State Dental Association.

"Dr. Hopkins was not satisfied to rest on his laurels, for a short while later he helped organize the Harford-Cecil Dental Society, a component of the State Association. Dr. Hopkins early recognized that the keystone of a profession's progress is its educational standards and opportunities. Therefore, when invited to become a member of the Dental Educational Council of America he accepted this important

responsibility on the national level and served with distinction. On the local level he was busy for 20 years as a member of the State Board of Dental Examiners."

Dean Emeritus J. Ben Robinson, who presented Dr. Katharine Toomey, made the following remarks:

"Our guest of honor served the University of Maryland, through its School of Dentistry, for a period of 44 years—longer than any other person ever connected with it, excepting its eminent former Dean, Dr. F. J. S. Gorgas.

"Beginning in 1924 there was a job that had to be done in order that dental education at Maryland might survive. The task was that of reorganizing and rebuilding the most revered institution in dentistry, the first dental school in the world, the Baltimore College of Dental Surgery.

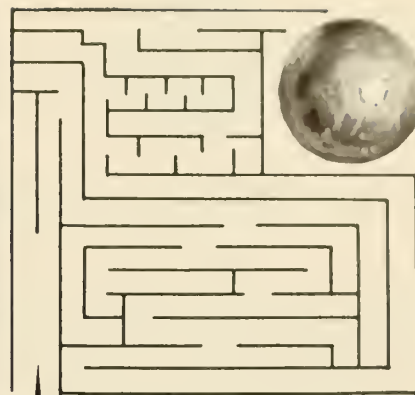
"Our guest of honor had by this time matured in her position, had gained valuable experience in the general administration of the affairs of a school of dentistry, had acquired a sound understanding of the meaning of dental education, and had developed an almost fanatical devotion to the cause of which she had become a part.

"In fact, as I saw it then and as it has since proved out, she had come to be as nearly indispensable in the difficult situation that existed, as one could be."

The Alumni Association, in appreciation of Dr. Toomey's long and faithful service, bestowed upon her substantial gifts including a specially made gold bracelet with individual charms depicting the outstanding events in her life. Dr. Hopkins received a replica of the "Distinguished Alumnus Plaque" which is placed in "Deans Hall" at the Dental School.

Governor Millard Tawes sent to each honored guest a magnificently inscribed "Certificate of Distinguished Citizenship." The banquet was a great success from almost every viewpoint. More than

(Continued on next page)



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300 alumni and friends attended and it was a happy celebration.

The opulence of the Belvedere's main ballroom, the formal attire, the prevailing air of respectful yet joyous cordiality made many of us feel we were witnessing the passing of an era.

HISTORICAL PLAQUE

On April 9 Jason W. Stockbridge, President of the Central Savings Bank, presented a plaque which marked the original site of the Baltimore College of Dental Surgery (east side of Hopkins Place) to Charles P. McCormick, Chairman of the Board of Regents, University of Maryland. Members of the group at the presentation were: Charles P. McCormick; Dean Myron S. Aisenberg; Jason W. Stockbridge; Gardner P. H. Foley, Professor of Dental History at the Dental School; and Dr. Kyrle W. Preis, Editor of the Alumni publication *Alma Mater*.

The Baltimore College of Dental Surgery, founded in 1840, was the first dental college in the world. For many years this plaque was displayed on the wall of the Hopkins Place branch of the Central Savings Bank at 7-11 Hopkins Place. This building is soon to be razed to make way for new buildings in the Charles Center. At the present time the plaque is in the museum of the Dental School. When the new building erected at Hopkins Place is completed, the plaque will be appropriately relocated.

200 YEARS AGO

Jacques E. Brun, '52, was our official European representative at the unveiling of Pierre Fauchard's bust in the garden of the "Chateau de Grand Mesuil," Fauchard's country home near Paris, France.

College of

EDUCATION

Mary J. Ahalt

NEWS OF ALUMNI

Captain Myrdon T. Neumann, B.S. 1949, and member of Sigma Phi Epsilon Fraternity, has assumed command of Headquarters Squadron, 38th Tactical Missile Wing at Sembach A.B., Germany. Captain Neumann served as administrative chief at Sembach Air Base prior to this appointment as commander. He will continue his administrative duties along with his command responsibilities.

Charles M. Carlson, II, 1961 Education, who entered United States Air Force pilot training at Webb A.F.B., Texas, will fly T-37 and T-33 jets during the year-long flying training course. He also will receive special academic and military training and will be awarded

the silver wings of a pilot upon graduation.

PROGRAM PARTICIPATION

Dr. Henry Mendeloff, Assistant Professor of Education and Foreign Languages, presented "An Introduction to Applied Linguistics: Theory and Practice" to an in-service meeting for foreign language teachers of Prince George's County. Also, "The When and How of the Reading and Writing Skills in FLES" was presented for FLES teachers in Prince George's County at another meeting.

Dr. Orval L. Ulry, Professor of Education and Director of Summer School, presented "Developments in Teaching" to members of the PTSA at Glenelg High School.

Dr. Donald Maley, Professor and Head of the Industrial Education Department, recently participated on the Voice of America. Dr. Maley discussed the President's Conference on Occupational Safety. He dealt with such topics as progress in industrial safety over the years; the nature of hazards in certain industries; the significance of the President's Conference; and the background and development of the Conference.

Dr. John Mayor, Professor of Education and Mathematics and Director of University of Maryland Mathematics Project, participated in a panel discussion on "New Direction in Science Education" along with Dr. Zacharias of the Department of Physics, MIT; Dr. Mo-

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ment of Goucher; and Dr. Obourn in the U. S. Office of Education, at the 35th Annual Meeting on the National Association for Research in Science Teaching in D. C. which was held jointly with the Council of Elementary Science International. The general topic for the meeting was "The Improvement of Research in Science Teaching."

PUBLICATIONS

Dr. J. Paul Anderson, Assistant Professor, along with Ned A. Flanders and Edmund J. Amidon, authored "Measuring Dependence Proneness in the Classroom" which was published in the quarterly journal, Volume 21, No. 3 of *Educational and Psychological Measurement*, pp. 575-587.

Nurse in Home Training Programs for the Retarded Child by Laura Dittmann has been released by the U. S. Department of Health, Education and Welfare. Miss Dittmann is Research Assistant in Higher Education in the College of Education and Specialist in Growth and Development of Handicapped Children, Division of Health Services in the U. S. Department of Health, Education and Welfare.

Dr. James A. van Zwoll, Professor of Education, conducted a survey of twenty universities as a basis for "Secretarial Service: What Kind, How Much?" which appears in Volume 32, Number 2, February 1962 of *College and University Business*.

Dr. Vernon E. Anderson, Dean of the College of Education, has released the second, completely revised edition of his book, *Principles and Practices of Secondary Education*. Dr. William T. Gruhn from the University of Connecticut is co-author. Some of the newer trends in secondary education teaching—programs for the academically talented, team teaching and the use of new media such as television and language laboratories for instruction—are discussed.

MALEY PRESIDES OVER A.C.I.A.T.E. CONFERENCE

Dr. Donald Maley recently presided over the national convention of the American Council on Industrial Arts Teacher Education. Dr. Maley has been the president of the Council for the past two years. The meetings were held in Pittsburgh, Pennsylvania. The theme of the conference was "The Pursuit of Excellence in Industrial Arts Teaching."

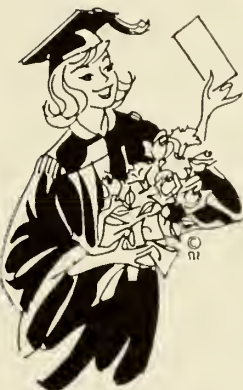
Dr. William F. Tierney has been re-elected Executive Secretary of the American Council on Industrial Arts Teacher Education.

(Continued on next page)




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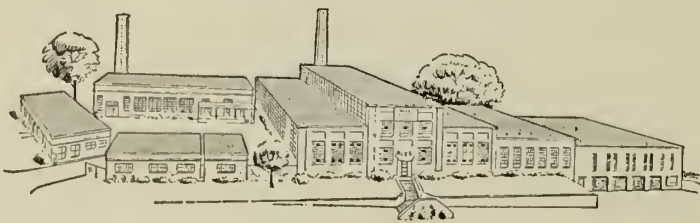
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MISS EVELYN HARRISON

Miss Evelyn Harrison, '32, was one of six Government career women to receive the second annual Federal Woman's Award. She was chosen for her outstanding competence demonstrated by her role in the formulation and development of Government-wide personnel policies.

Miss Harrison is the University's first woman to graduate from the Engineering College. She has done graduate work at George Washington University and American University in psychology, psychometrics, and public administration. She is a native of the District of Columbia.

Miss Harrison is known to high officials throughout the Government for her ability in resolving interagency problems of personnel policy and practice under the Federal merit system.

ALUMNI NOTES

C. Vinton Koons, CE '29, a Washington, D. C., attorney, has been elected President of the District of Columbia Baptist Convention.

Mr. Koons is a member of Metropolitan Baptist Church and succeeds Dr. Frank K. Brasington, pastor of Silver Spring Baptist Church, as president.

He is a native of Washington and, after leaving Maryland, graduated from Georgetown University Law School in 1934 and received his Doctor of Jurisprudence from Georgetown in 1935. As well as practicing law in Washington, D. C., he serves as an Adjunct Professor at Georgetown Law School.



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Robert A. Hitch, '29, was transferred from Picatinny Arsenal, where he was Chief of Purchasing office and principal contracting officer, to the Pentagon as Chief, Contract Administration, Office of Deputy Chief of Staff for Logistics, Department of the Army.

Dudley D. Taylor, ME '51, MSME '54, has, with Wayne D. Wilson, developed at NOL a velocimeter, a small device to determine the velocity of sound in sea water. It is a five-inch long stainless steel cylindrical housing equipped with a sound transmitting crystal on one end and a receiving crystal on the other. The velocity of a sound pulse sent through a liquid sample contained in the cylindrical housing is determined by recording the length of time in which the pulse traverses the known distance between the crystals.

They feel that it has significant application for quality control in the production of numerous commercial products ranging from gasoline to milk; for example, in Mr. Wilson's words, "the petroleum industry could use it to identify and evaluate for purity the products from distillation and cracking processes."

Robert Kinney, ME '40, has been appointed manager of Sales and Contracts, Missile and Space Vehicles Department of the General Electric Company at Valley Forge, Pennsylvania. Mr. Kinney, also, is author and composer of the University's Alma Mater.

Richard Proctor, ME '54, Ag. '53, is now with Sanders Associates, Inc., Nashua, New Hampshire, as Manufacturing Engineer. Before joining Sanders, Mr. Proctor was employed by Westinghouse Electric Corporation.

E. W. Inglis, ME '43, has left Washington to accept the position of cost and distribution manager in the Operations Department of Humble Oil and Refining Company's Eastern Esso Region in New York. Mr. Inglis joined Esso in 1946; in 1956 he was named assistant district manager in Washington, D. C., and became district manager in February, 1960.

Mr. Robert S. Caruthers, '26, is Director of Product Development for International Telephone and Telegraph Company, 320 Park Avenue, New York 22, New York.

J. M. Reid, Ch.E. '49, has most recently been supervising research in the fields of utility gas distribution and utilization for the Institute of Gas Technology, which is affiliated with Illinois Institute of Technology, Chicago, Illinois. Mr. Reid joined IGT in 1949 after graduation and has done pilot plant work studies in catalytic reforming of hydrocarbons and production of hydrogen, olefins, aromatics and pitches from petroleum oils and light tars.

Colonel Charles C. Holbrook has been designated a Logistician in the U. S.

(Continued on next page)

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Army. Colonel Holbrook is serving at the Headquarters of Allied Forces Southern Europe in Naples, Italy.

Earl Angulo, ME '51, spoke on the Explorer X at the February meeting of the American Society of Mechanical Engineers in Washington, D. C. Mr. Angulo is Project Engineer, Payload Systems Branch, Spacecraft Technology Division, Goddard Space Flight Center, Greenbelt, Maryland.

George O. Weber, ME '33, U. S. Army Reserve Colonel, completed the one-week senior officer advanced operations course at The Command and General Staff College, Fort Leavenworth, Kansas. The course is planned specifically for general officers, colonels, and lieutenant colonels and is designed to provide training in doctrine and techniques for the employment of a defense against special weapons.

College of HOME ECONOMICS

Dean Selma Lippeatt

ALUMNI NOTES

Evelyn Miller, '33, has assumed duties as the new President of the Maryland Home Economics Association.

Gladys Oberlin, '31, is a Methodist Missionary in Brazil, doing home economics and nutrition work.

Ethel Jeanne Gardner, '57, is now a member of the Peace Corps, working as a home economist in Peru.

Astrid Molander of Sweden, a master's degree alumnus, '56, received a Ph.D. degree in food and nutrition at Iowa State University in February.

FACULTY ACTIVITIES

Dean Selma F. Lippeatt is serving as the home economics representative for a state-wide survey of vocational education in South Carolina.

Pela Braucher presented a scientific paper on research on protein metabolism at the annual conference of the Federation of American Societies for Experimental Biology in Atlantic City.

Selma F. Lippeatt was speaker for the General Session of the annual convention of the Maryland Home Economics Association on the topic, "International Dimensions of Home Economics."

The Maryland Dietetics Association held its annual spring convention on the University of Maryland campus. Dr. Helen I. Brown of the food and nutrition staff and Miss Edith Jones, N.I.H., were featured speakers. Institution management majors prepared and served luncheon for the group.

Dr. Ruth Dales of Florida State University will be the visiting professor

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for the summer offering of the Department of Family Life and Management.

The Department of Textiles and Clothing, in cooperation with the National Institute of Drycleaning, will be offering a special workshop this summer on "Fabric Selection and Performance in Drycleaning."

The American Home Economics Association has selected the College of Home Economics as the institution for an international scholarship awarded to Miss Mihoko Matsuyama of Japan for 1962-63.

School of

MEDICINE

Dr. John Wagner

ALUMNI ANNOUNCEMENT

Doctor Frank K. Morris, President of the Medical Alumni Association, has announced the Alumni Day festivities planned for Thursday, June 7.

Registration will begin in Davidge Hall at 9:00 A.M. This will be followed by the scientific session and annual business meeting of the Alumni Association. This year the presentation of the Honor Award and Alumni Gold Key will go to Dr. Arturo R. Casilli, who will receive his honor from the President of the Medical Alumni Association, Dr. Frank K. Morris. Following the Honor Award ceremonies, luncheon will be served in the Student Union Building. The luncheon is free to all who register, but all must have an admission ticket.

In the afternoon there will be class reunions (some have been scheduled for the preceding day). Evening festivities will begin at 7:00 P.M. with the annual Alumni Banquet.

Dr. Austin H. Wood is Chairman of the Honor Award Committee, assisted by Drs. J. Morris Reese and S. Edwin Muller.

Dr. Ernest I. Cornbrooks is Chairman of the Nominating Committee.

Dr. Isadore Kaplan will head the Reception Committee, and Dr. Gibson J. Wells will chair the Student Loan Committee.

Class Captains for individual class reunions have been appointed. These include the following:

50th Reunion, Class of 1912, Dr. Albert E. Goldstein.

45th Reunion, Class of 1917, Dr. Louis A. Krause.

40th Reunion, Class of 1922, Dr. John O'Connor.

35th Reunion, Class of 1927, Dr. T. Nelson Carey.

30th Reunion, Class of 1932, Dr. John E. Savage.

(Continued on next page)



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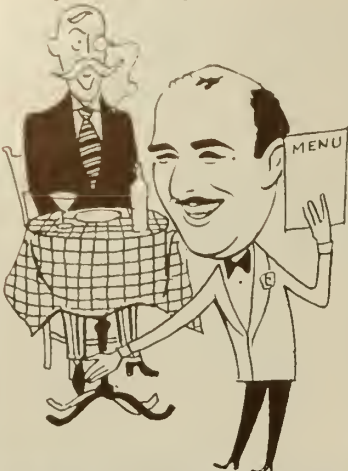
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25th Reunion, Class of 1937, Dr. J.
B. E. King Seegar.
20th Reunion, Class of 1942, Dr.
John R. Davis, Jr.
15th Reunion, Class of 1947, Dr.
Arle R. Mansberger.
10th Reunion, Class of 1952, Dr.
John O. Sharrett.
5th Reunion, Class of 1957, Dr. John
V. Conway.

ALUMNI ASSOCIATION PLANS REUNION
AT AMA MEETING IN CHICAGO

Medical Alumni and their wives are
urged to attend a cocktail party spon-
sored by the Medical Alumni Associa-
tion on the occasion of the American
Medical Association meeting in Chicago
on June 24 to June 28. The cocktail
party will be held at the Sheraton-Black-
stone Hotel from 5 to 6 P.M. on Tues-
day, June 26. Registration for the affair
can be made at the reception desk at the
AMA convention.

CLASS NOTES

Several years ago, your reporter visited
Houston, Texas, the home of John J.
Bunting, '38, who practices internal
medicine in that city. John, the owner
of the Lazy-B Ranch near Richmond,
Texas, often travels to and from his
office by helicopter, a 15-minute flight.

Jack serves as lecturer in medicine
at the University of Texas Graduate
School of Medicine, and is a Fellow of
the American College of Chest Physi-
cians. He also serves as Associate Pro-
fessor of Clinical Medicine at the Bay-
lor University College of Medicine, and
is active on the staffs of the Memorial,
the Hermann, the Methodist, the St.
Luke's, and the Jefferson Davis Hospi-
tal, all in Houston.

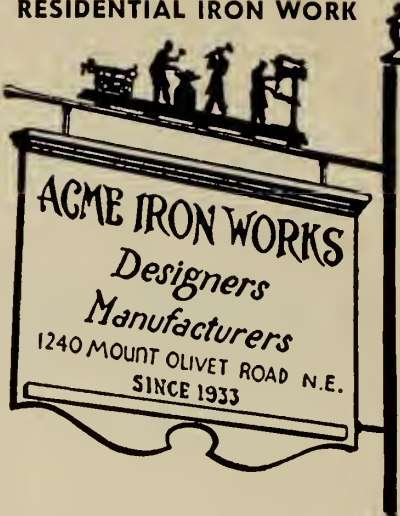
Aside from his interest in horses, Jack
has found time to serve as co-editor of
the *Medical Records and Annals*, a local
scientific publication, and is active as a
Director of the rapidly growing Central
National Bank, is a founder of St.
Martin's Episcopal Church, and has en-
tertained a number of University men,
prominent among whom was Ted Wood-
ward who visited him in 1960.

Raymond C. V. Robinson has been
named Councillor to the Southern Med-
ical Association. Drs. F. A. Holden and
Harry M. Robinson, Sr., will serve as
Associate Councillors.

Raymond V. Rangle has been named
chairman of Baltimore's Equal Employ-
ment Opportunity Commission.

Frank J. Ayd, Jr., '45, has recently
returned from a European lecture tour.
The principal lecture given by Dr. Ayd
was the Dr. Thomas Dooley Memorial
Lecture at the University of Rome,
with other lectures being given at the
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American College, and the College Bellarmino, also in Rome. Dr. Ayd also spoke in the Beda College in Rome, Collegio Di Santa Croce in Rome, and at the University of Paris.

Leonard Bachman, '46, has been recently promoted to the rank of Associate Professor of Anesthesiology in the University of Pennsylvania School of Medicine. Dr. Bachman is Director of the Division of Anesthesiology at the Children's Hospital in Philadelphia.

Pomeroy Nichols, '46, of Augusta, Ga., has been nominated Chairman of the Staff of the University Hospital in Augusta for the year 1961-62.

James S. O'Hare, '46, has relocated his practice and is now associated with the Travis Clinic in Jacksonville, Tex.

A former resident at the Lutheran Hospital of Maryland and active on the staff of the Mersey Hospital in Baltimore before moving to Texas, Dr. O'Hare is continuing his specialization of general and vascular surgery.

James E. Anthony, Jr., '47, is currently active in the practice of general surgery with offices at 558 Medlock Rd., Decatur, Ga.

Howard F. Raskin, '49, is the co-author of an article appearing in a recent number of *CA (The American Cancer Society Clinical Bulletin)* relating to carcinoma of the pancreas, biliary tract, and liver.

Dr. Raskin is in the Department of Medicine at the University of Chicago Clinics and is the author of many important studies on the cytopathology of the gastrointestinal tract.

Walter Houck Byerly, '53, has been appointed Resident in Anesthesiology at the Mayo Clinic Foundation, Rochester, Minn.

Leonard H. Flax, '53, is the author of a recently published paper relating to A New Surgical Drain.

In an article appearing in the July 15, 1961 issue of the *Journal of the American Medical Association*, Dr. Flax states "—A new radiopaque drain has been developed which can be seen in the event of its disappearance within a surgical wound. This drain is impregnated with barium sulphate, marked at 5.0 cm. intervals to determine residual portion of the drain remaining. Experience with 54 cases are satisfactory without undesirable side effects. Visualization is excellent at varying depth—."

William Dvorine, '55, has announced the removal of his office to the Pikesville Medical Center, 1401 Reisterstown Rd., Pikesville, Md.

Marion Restivo, '57, who is now on active duty with the United States Public Health Service, is stationed at Fort Wainwright near Fairbanks, Alaska.

Harry J. Fitch, '58, writes that he is now engaged in the practice of general surgery at 1400 Main St. in Eunice, N. M.

(Continued on next page)



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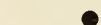
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ANNUAL ALUMNI BANQUET

The Annual Alumni Banquet will be held on June 7, 1962 at The Baltimore Union Building, 621 W. Lombard Street. At that time the graduates of the School of Pharmacy of 1912 will be presented with certificates denoting graduation fifty years ago, and membership in the Alumni Association. The Distinguished Alumni of the Association will also be honored on that occasion. The graduates of 1962, with their ladies or escorts, will be the guests of the Alumni Association.

The list of honorees are as follows: Sidney Joseph Brown, Jacksonville, Florida; Benjamin Bruce Brumbaugh, Elkridge, Maryland; Hermann Dietel, Jr., Los Angeles, California; Ethan O. Frierson, Belton, South Carolina; Henry Felix Hein, San Antonio, Texas; Lee Hodges, Greenwood, South Carolina; Charles Edwin McCormick, Baltimore, Maryland; Frederick Minder, Baltimore, Maryland; Mrs. James Phillips, Catonsville, Maryland; Robert Reginald Pierce, Morgantown, West Virginia; Lloyd N. Richardson, Bel Air, Maryland; Mrs. Joaquina Ruiz de Torres, Santurce, Puerto Rico; Thomas Stanley Smith, Wilmington, Delaware; John Alfred Strevig, Baltimore, Maryland; Harold A. Swartz; Daniel Andrew Warren, Baltimore, Maryland; James J. Wolfe, Baltimore, Maryland.

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S.S. HOPE

Miss Margaret Sherwood, originally from Leetonia, Ohio, who received the M.S. degree through work in Pharmacy, University of Maryland, in 1958, has been selected to serve as the pharmacist aboard the S.S. Hope on its voyage to Peru, as announced by Dr. William S. Walsh, President of Project Hope.

The primary vehicle is the S.S. Hope, a floating medical center, which will anchor at Salaverry, the port of Trujillo, 300 miles north of Lima, the site of a new medical school at the University of Trujillo. The mercy vessel will provide a base for teaching and training operations, and the establishment of a Hospital Administration school, a nursing school and other inland programs.

The S.S. Hope, formerly the U. S. Navy hospital ship Consolation, is on loan from the Government. It contains

modern medical equipment, supplies and training aids.

The Hope returned last September from its one-year maiden voyage to Southeast Asia. Many American personnel remained to continue Hope's teacher-training program in Djakarta, Indonesia, and in Saigon, South Viet Nam.

The S.S. Hope visits only those countries to which it has been invited by the local medical professions.

Many persons are interested in this privately-sponsored program to share our modern medical knowledge and skills with newly developed nations.

College of PHYSICAL EDUCATION, RECREATION AND HEALTH

Miss Mary R. Harrington

PUBLICATIONS

Dr. James H. Humphrey, Professor of P. E. and Health, Dr. Warren Johnson, Professor of Health Department, Mrs. Virginia Moore, Supervisor of P. E. in Anne Arundel County, coauthors of *Elementary School Health Education*, College Textbook published by Harper & Brothers, March 1962.

Dr. Warren Johnson, Miss Doris Terry, Asst. Prof. Health, Miss Josephine Gaines, former Asst. Professor of Health, and Dr. James H. Humphrey, coauthors of *Health Concepts for College Students*, College Textbook published by Ronald Press, March 1962.

TV AND RADIO APPEARANCES

Dr. James H. Humphrey, Professor of P. E. and Health, was a guest on the "Feminine Forum" Radio Show, WINX, March 14. He was interviewed on the topic of "Physical Education for Children."

CLINICS, WORKSHOPS AND SYMPOSIA

Mrs. Betty Crowson, Instructor in P. E. Dept., conducted an Apparatus Clinic for Prince Georges County High School Teachers recently at the request of the Prince Georges County Board of Education.

Miss Martha Haverstick, Assistant Professor of P. E., conducted a Movement Clinic at Howard University in February.

Dr. Burris Husman, Associate Professor of P. E., was the summarizer for the Research Section at the recent meet-

(Continued on next page)

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ing of the College Physical Education Association held in Kansas City, Missouri.

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FAR EAST TUITION RISE

Tuition fees in the Far East Division will be increased from \$10.00 to \$12.00 per semester hour effective September 1, 1962, it was announced recently.

Dr. Leslie R. Bundgaard, Director of the Far East Division, explained that costs of administering the program have risen steadily through the years and have now reached the point where present fees no longer cover operational expenses.

The present fees have been in effect since the Far East Division was established in 1956.

Dr. Bundgaard also announced that the Far East Division is planning improvement and expansion of the program in the coming school year, such as increasing the number of full-time faculty by some 50 per cent, adding a language supervisor to the staff, and offering more courses in language, Far East history and mathematics to meet the needs of military students.

ALUMNI NOTES

Major Arthur E. Allen, '57, currently assigned to the Air Force ROTC detachment at Brown University, has been promoted to the academic rank of Professor of Air Science.

Lt. Col. Leonard P. Markes, '54, has retired from the U. S. Air Force and is now living in Honolulu, Hawaii.

Earl Ingram, '61, has been promoted to Lt. Col. U.S.A., in Germany where he is assigned to Headquarters, Seventh U. S. Army.

Army Col. Harlan J. Long, '57, recently completed the senior officer advanced operations course at the Army Command and General Staff College, Fort Leavenworth, Kansas.

Lt. Col. Clarence R. Glasebrook, '55, has been awarded the United States Air Force Commendation Medal in recognition of his meritorious service as a member of the Air University aerospace briefing team at Maxwell Air Force Base, Alabama.

Murray W. Cole, '58, Commander of the 29th Munitions Maintenance Squadron at Homestead Air Force Base, Florida, has been promoted to Lt. Col. in the U. S. Air Force.

William L. Dodge, '57, Assistant Professor of Air Science at the University of Alabama, has been promoted to Lt. Col. in the U. S. Air Force.



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Osear S. Anderson, Jr., '54, a student at the Air War College, Maxwell Air Force Base, Alabama, has been promoted to Colonel in the U. S. Air Force.

Army Lt. Col. Jay P. Thomas, '50, is a recent graduate of the Armed Forces Staff College, Norfolk, Virginia. The College is a graduate-level service school under the direct supervision of the Joint Chiefs of Staff.

Army Lt. Col. Clark O. Irving, '60, has completed the senior officer advanced operations course at the Army Command and General Staff College, Fort Leavenworth, Kansas.

Roman J. Lutz, '58, received the Master of Arts degree from the State University of Iowa in February.

Howard R. Haudrau, '60, armament and electronics maintenance officer at Ellsworth Air Force Base, South Dakota, has been promoted to Lt. Col. in the U. S. Air Force.

Leslie A. Smith, '57, a student in the Air University War College at Maxwell Air Force Base, Alabama, has been promoted to Colonel in the U. S. Air Force.

COMPLETED CAREERS

1ST LT. JAMES T. MCKENZIE

First Lt. James T. McKenzie, BPA '56, was killed in the crash of a B-58 jet bomber at Fort Worth, Texas, March 5.

Lt. McKenzie was defense systems operator on the plane. He went on active duty in 1956. He had just transferred to Fort Worth after completing three months at the Squadron Officers School at Maxwell Air Force Base in Montgomery, Alabama, where he graduated at the top of a class of 900.

He had been in the Air Force ROTC at the University and was a member of Delta Tau Delta fraternity.

Lt. McKenzie leaves his wife, the former Carolyn Nicely, two children, his parents, and two brothers.

MAURICE TALBOTT (TODIE) RIGGS

Maurice Talbott (Todie) Riggs, A & S '20, died March 31 at the age of 62. Mr. Riggs was a former coach at St. John's College in Annapolis, Maryland, and a star athlete at the University of Maryland. He was named All-Southern halfback.

After Mr. Riggs' graduation he entered professional baseball and was signed to the Senators. During his baseball career, he also taught in Suffolk High School, coaching all three sports.

After which he became coach of all sports at St. John's and helped organize the Mason-Dixon Conference.

(Continued on next page)

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In the mid-thirties St. John's dropped athletics and he began teaching in Montgomery County schools. He was principal at Sherwood High School in 1941. In 1946 he served as Assistant Headmaster of Black-Fox Military Academy in Hollywood, California.

He served as Counselor for Rockville Junior High in 1954, and later in the same capacity at Broome Junior High in Rockville. In 1960 he transferred to Richard Montgomery High School as Counselor.

Mr. Riggs also did character acting in documentary movies for Norwood Studios, Washington, D. C.

He is survived by his wife, the former Dorothy May Cuttler of Rockville, Maryland.

WILLIAM H. RICHARDSON

William H. Richardson, a former Druggist and a Director of the Noxzema Chemical Company, died March 28, at the age of 82.

He was born in Wicomico County and came to Baltimore in 1903, where he attended the old Maryland College of Pharmacy. He owned a drug store at Charles Street and Mount Royal Avenue from 1910 to 1919.

He had been a director of the Noxzema Chemical Company since it was incorporated in 1917. In the early 1930's he was instrumental in opening the mid-western and New England districts for the Company.

Mr. Richardson is survived by his wife, Mrs. Emma Robertson Richardson, a daughter, two stepchildren, a brother, and four grandchildren.

WILLIAM L. BYERLY, JR.

William L. Byerly, Jr., died unexpectedly January 18. He was 44. Death was attributed to a cerebral hemorrhage.

Following his graduation from the School of Medicine in 1942, he interned at the University Hospital. Later he served in the United States Army Medical Corps, rising to the rank of Captain. At the end of World War II, he returned to the University Hospital in 1948 where he became Chief Resident in Surgery. After completing this training, he joined his father, Dr. W. L. Byerly, Sr. at the Byerly Hospital in Hartsville, S. C., and was Chief Surgeon there at the time of his demise.

He was a Diplomat of the American Board of Surgery, Fellow of the American College of Surgeons, and member of its credentials committee for South Carolina. He was a member of the American Medical Association, the South Carolina Medical Association, the Darlington County Medical Association, the Southeastern Surgical Society, the South Carolina Surgical Society, and the Medical Surgical Society of Baltimore. Dr. Byerly was very actively engaged in both church and civic organizations. He is survived by his widow, the former Louise McDonald, one daughter, and three sons.

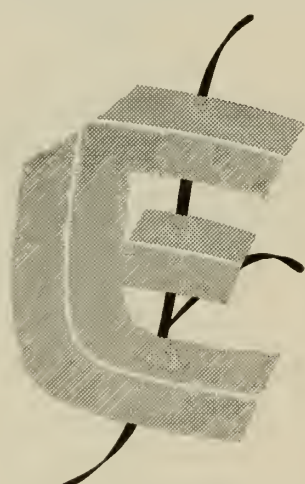
J. HOWARD FRANZ, M.D.

LOUIS W. GROSSMAN, JR.

Louis W. Grossman, Jr., of 7 S. Mill St., Newcastle, Pa., died recently.

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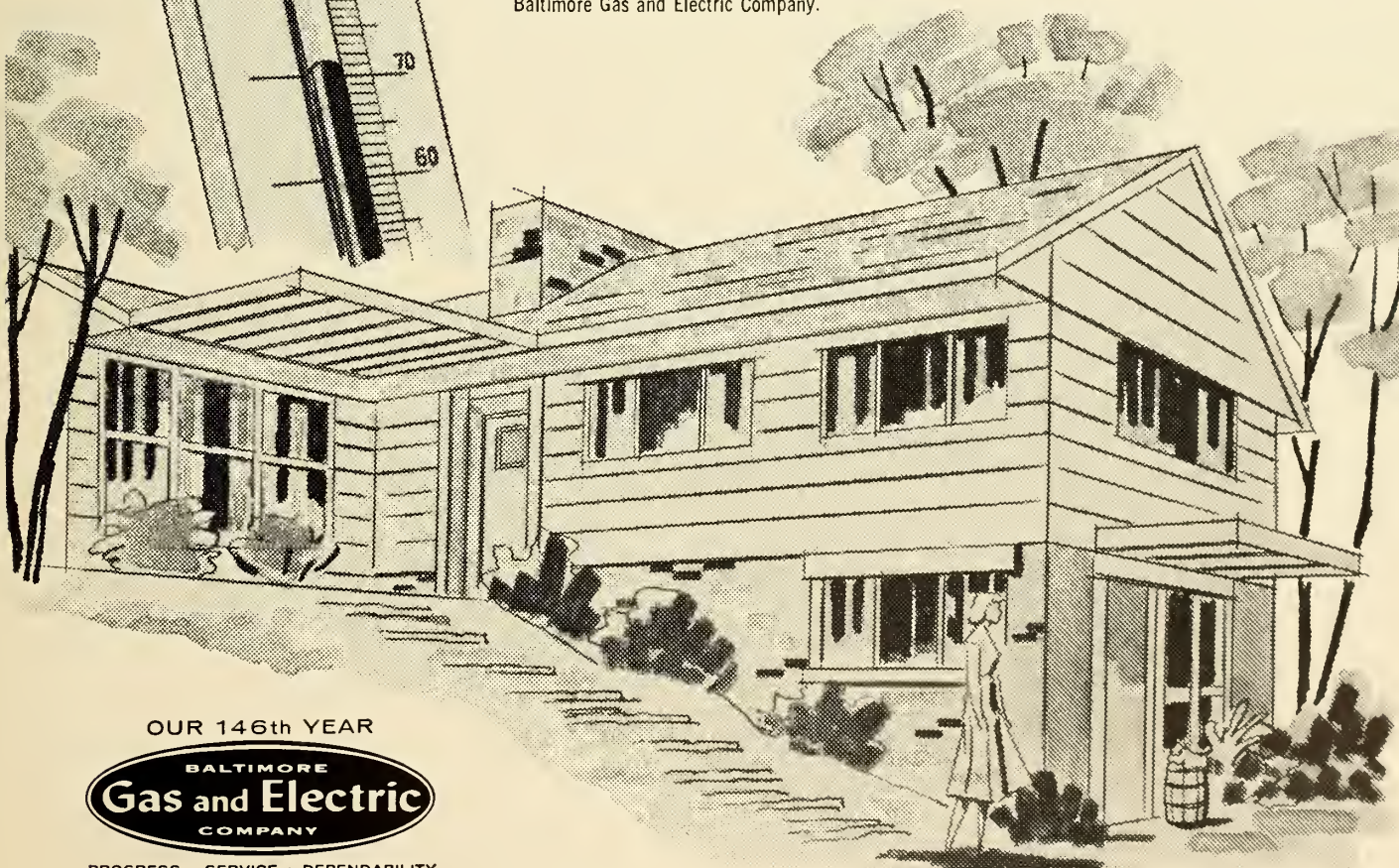
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Maryland magazine



Volume XXXIV Number Four • July-August 1962

- THE UNIVERSITY GRADUATES ITS LARGEST CLASS
- PORTRAIT OF A YOUNG ALUMNUS
- ALUMNI DAY AT COLLEGE PARK

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2. Due to volume of mail at this particular time of year, it is regretted that acknowledgment of applications cannot be made. Tickets will be mailed as soon as possible.

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S.M.U.—Band Day	2:00 P.M.	Sept. 22	\$4.00
So. Carolina—Homecoming	2:00 P.M.	Oct. 27	\$4.00
Clemson—Parents Day	1:30 P.M.	Nov. 17	\$4.00
Virginia	1:30 P.M.	Nov. 24	\$4.00

AWAY GAMES

Wake Forest (Night)	Sept. 29	\$4.00
North Carolina State	Oct. 6	\$4.00
North Carolina	Oct. 13	\$4.50
Miami (Night)	Oct. 19	\$4.50
Penn State	Nov. 3	\$4.00
Duke	Nov. 10	\$4.50

the **Maryland** magazine

Alumni Publication of the University of Maryland

Volume XXXIV

Number 4



THE COVER: James E. Dingman, M.E. '21, explains the operation of Project Telestar, a communications satellite system, to an audience of nearly 200 representatives of the Congress and the Federal government, science, industry and education. The special closed circuit presentation was made on July 10, the day of Telestar's launching. Telestar served as an antenna and transmitter for a program of taped and live comment between Andover, Maine and the audience in the Elihu Root Hall in the Carnegie Institution, Washington, D. C. During the demonstration, signals were picked by the French communications system at Pleumeur Bodu, Brittany. This prompted the sponsor of Telestar, the American Telephone and Telegraph Company, to inaugurate the next day a new era in international communication by transmitting and receiving video and audio across the 3,000 miles which separate the new and old worlds. Mr. Dingman is Executive Vice President of the American Telephone and Telegraph Company. In 1960 the University bestowed upon him the honorary degree, Doctor of Engineering.

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LEFT: Principal Speaker Thomas B. McCabe, FAR LEFT: Composer Richard Rodgers receives an honorary degree, Doctor of Music, from President Elkins.



The University Graduates Largest Class in its History

THE TRADITIONAL STRAINS OF THE TRIUMPHAL March from Aida by Verdi echoed throughout the bunting-bedecked Cole Activities Building at 10 a.m. Saturday, June 9, and ushered in the 1962 Commencement exercises at the University of Maryland.

Some 12,500 parents, friends, faculty and alumni were witnesses as University President Wilson H. Elkins conferred degrees upon 3,039 students, the largest graduating class in the history of the University.

Greetings were extended to the gathering by His Excellency, The Honorable J. Millard Tawes, Governor of the State. Principal Commencement speaker was Thomas B. McCabe, Chairman of the Board of Directors and chief executive officer of The Scott Paper Company. He told the graduates that opportunities for them are undoubtedly greater today than ever before because of the broad industrial, scientific, and educational foundations upon which they can build. "During the last half-century we have woven into our fabric of everyday living innumerable advances in practical knowledge as well as a variety of

protective devices which moderate many of the uncertainties affecting your future life," he said. "By providing a greater degree of security, these developments widen the area of adventure. In fact, there is so much emphasis on the philosophy of security these days that I am genuinely concerned lest too much emphasis on security will seriously impair the spirit of adventure which has heretofore characterized American business enterprise.

"In spite of the recent dramatic events in the stock market and the steel debacle," he declared, "the American economy is still forging ahead and will continue to do so unless public confidence becomes seriously impaired. Frequently our leaders in all walks of life either forget or do not have the practical knowledge to recognize that the most important word in our economic dictionary is 'confidence.' If the public has confidence in our political and business leadership, our economy expands—at times pro-

Continued on Page Four





M. Paul-Henri Spaak, Foreign Minister of Belgium, addresses European Division graduates in Heidelberg.

digiously. Once confidence is shaken, the economic machine falters and slows down until confidence is once again restored. The length of time this takes often depends on the understanding and support which we give our leaders, both in government and in business."

Following Mr. McCabe's address, an honorary doctor of laws degree was conferred upon him by Dr. Elkins in recognition of his long and distinguished career in business and public service.

An honorary degree of doctor of music was awarded by Dr. Elkins to distinguished guest, Richard Rodgers, two-time Pulitzer Prize winner who, with Oscar Hammerstein 2nd, wrote and composed such productions as "Oklahoma," "South Pacific," "King and I," "Flower Drum Song," "Carousel," and "Sound of Music." As a tribute to Mr. Rodgers, the Combined Chapel Choir, Men's Glee Club and Women's Chorus, under the direction of Fague K. Springmann, sang with moving intensity, "You'll Never Walk Alone," written by Mr. Rodgers for "Carousel."

Detlev W. Bronk, President of the Rockefeller Institute for Medical Research and former President and now trustee of Johns Hopkins University, received an honorary doctor of science degree, in recognition for his work as a scientist, educator and research administrator. He is

a member of the Advisory Committee for Biology and Medicine for the Atomic Energy Commission and the President's Science Advisory Committee for the National Aeronautics and Space Agency.

Honorary certificates of merit in agriculture were awarded to four Maryland citizens for their contributions to agriculture in the State. They were Nellie Pahlman Altvater, Talbot County; Peter Wood Chichester, Frederick County; Howard Calhoun Davidson, Saint Mary's County; and Roland Hobbs Mullinix, Carroll County.

Following the presentation of honorary degrees and certificates, the graduates walked across the platform and received their degrees and congratulatory handshakes, accompanied by an organ medley of musical scores by Richard Rodgers.

COMMENCEMENT WAS PRECEDED BY CONSIDERABLE activity in the various schools and colleges within the University. John B. Funk, Chairman of the Maryland State Roads Commission, three University of Maryland faculty members and 16 University students were initiated into Tau Beta Pi, national engineering honorary society in a ceremony on Saturday, May 12.

Young graduate nurses celebrate the completion of their academic studies by joining in an all-day picnic on the Severn River.



Mrs. E. Benton Taylor, who annually awards a scholarship for four years of dental study, congratulates this year's recipient and Gold Medal winner, Paul William Bushman.





Dental Alumni at their annual golf tournament. From left: Harry Dressel, Sam Bryant, Ed Stone, Al Sayanskas, Harry Kohlhepp, Kyril Preis.

Mr. Funk was elected to membership for his contributions to engineering in the State. Honored faculty members include Dr. Robert B. Beckman, Professor and Chairman of the Department of Chemical Engineering; Associate Professor Clifford L. Sayre of the Department of Mechanical Engineering; and Associate Professor A. Bernard Eyler, also of the Department of Mechanical Engineering. New student initiates are: Frank R. Clifton, Hugh Lupien, Jr., L. Grady Stout, John O. Gurney, Mechanical Engineering; David B. Fradkin, Aeronautical Engineering; Donald L. Robey, Harold F. Kelly, James F. Leverett, Yu W. Chan, Chemical Engineering; Howard J. Flichman, Richard D. Ford, William J. Parker, Charles S. Kadesch, Ray A. Kalpas, Jaan A. Loger, Robert T. Schwartz, Electrical Engineering.

Also in College Park was the traditional Baccalaureate Service held Sunday, June 3. The Rev. J. Lawrence Plumley of Shreveport, Louisiana, an Episcopalian minister who graduated in 1933 from the University of Maryland, delivered the traditional address in the University's Memorial Chapel. His daughter, Pam Plumley Barineau, was among the graduates who attended the services.

Numerous pre-Commencement activities also took place on the Baltimore campus. Dr. Noel E. Foss, Dean of the



The ninth annual honors convocation of the School of Pharmacy.

University's School of Pharmacy, was chosen as the recipient of the 1962 Honored Alumnus Award at the annual meeting of the School's Alumni Association on May 17.

Dr. F. M. Miller, class advisor, presided over a senior assembly on Friday, June 1, at the School of Pharmacy. Speakers included representatives of the Baltimore Metropolitan Pharmaceutical Association, the Maryland Pharmaceutical Association, the Baltimore Branch of the American Pharmaceutical Association, and the Alumni Association of the school.

The Pharmacy senior banquet and prom was held on Monday, June 4, at Bluecrest, Fordleigh, and the ninth annual honors convocation took place Thursday, June 7, in the auditorium of the Health Sciences Library. Dr. Foss, Dean, presided, and Dr. George F. Archambault, President of the American Pharmaceutical Association, was principal speaker. David Andrew Blake was installed as new President of the Student Government Alliance by the outgoing President, Allan S. Pristoop. Newly elected class officers were also installed, including President Irwin Alvin Heyman, class of 1963. Prizes and awards for academic excellence and extracurricular activities were presented to outstanding graduates and undergraduates, and the Rev. H. Kearney Jones of St. James Episcopal Church,

An overall view of the pre-commencement Dental alumni banquet.



Dr. C. P. Scarborough, of the Medical Alumni Board of Directors, talks with Dr. C. J. Stallworth, of Thomaston, Alabama, a 50-year graduate of the School of Medicine.



Irvington, delivered the invocation and benediction. The 1962 graduates were guests of the School's Alumni Association at its annual Graduation Banquet and Dance. David L. Brigham, Director of Alumni Relations, was toastmaster.

Pre-Commencement celebrations at the University of Maryland School of Medicine began with the Senior Class dinner dance on Tuesday, June 5, at Bluecrest North, in Pikesville.

Alumni Day was convened on Thursday, June 7. Three speakers addressed the morning session at Davidge Hall. Dr. William S. Stone, Dean, welcomed the alumni and spoke on "The Changing Philosophy in Medical Education at the University of Maryland," and Dr. Albin O. Kuhn, Executive Vice President of the University, and Lad F. Grapski, Director of University Hospital, described, "The Expansion Program of the Baltimore Campus." The Annual Alumni Award and Gold Key were presented to Dr. Arturo Raymond Casilli, of Elizabeth, New Jersey, a 1914 graduate, and a distinguished pathologist and investigator who played an important role in organizing medical laboratories in New Jersey.

Thursday afternoon was devoted to reunions of the class of 1912 and every fifth year thereafter, followed by the annual banquet that evening at the Lord Baltimore Hotel. Besides Dr. Casilli, guests of honor included Mrs. John L. Whitehurst, member of the University's Board of Regents; Dr. Albin O. Kuhn and Mrs. Kuhn; Dr. William S. Stone and Mrs. Stone; Dr. Reginald V. Truitt, President of the General Alumni Association of the University and Mrs. Truitt; Dr. Frank K. Morris, President of the Medical Alumni Association and Mrs. Morris; Dr. George H. Yeager, President-elect of the Medical Alumni Association and Mrs. Yeager; and the Right Rev. Roger K. Wooden, pastor of Blessed Sacrament Church. Certificates of life membership were awarded to 50-year graduates of the University of Maryland, the Baltimore Medical College and the College of Physicians and Surgeons of 1912.

DEAN'S DAY WAS CELEBRATED AT THE MEDICAL School on Friday, June 8. Dr. Kenneth Goodner, Professor of Microbiology and Head of the Department at Jefferson Medical College in Philadelphia, was principal speaker. His subject was "World Medicine." The nurses' choral group, under the direction of Charles A. Halsup, sang several selections and prizes and honors were awarded to outstanding students by Dean Stone. Wives of the medical students, who acted as ushers at the ceremony, were also hostesses at a reception and tea for graduates, parents, friends and faculty at the Baltimore Union.

The School of Nursing featured several activities as a tribute to its graduating seniors. On Sunday, June 3, special honors were awarded by Miss Virginia C. Conley, chairman of the baccalaureate program, to nine graduating nurses at the senior convocation in the Health Sciences Library Auditorium. Recipients were: Ann Seymour, Nurses' Alumnae Association Award for the highest average in scholarship; Pearl Holland, the Elizabeth Collins Lee Award, for the second highest average in scholarship; Barbara Edward, the Mrs. John L. Whitehurst Award, for executive ability; Jane C. Green, the Flora Hoffman Tarun Memorial Award, for leadership, loyalty and school spirit; Joan Chambers, the Mrs. Charles A. Reifschneider Award, for the best professional appearance and conduct toward patients and hospital personnel; Caroline Lewis, the Neurosurgical Nursing Prize, for the most interest, enthusiasm and proficiency in neurosurgical nursing; Barbara Miller, the Elizabeth Aitkenhead Award for the most interest, enthusiasm, and proficiency in operating room nursing; Anne McCaughey, the Women's Auxiliary Board Award, for outstanding performance in professional nursing care; Ann Seymour, Nurses' Alumnae Association Award for leadership in professional student nursing organization.

Dean Florence M. Gipe greeted the graduating students. Principal speaker was Dr. R. Lee Hornbake, Vice President for Academic Affairs.

Also on Sunday, June 4, the Nursing seniors attended the baccalaureate service in the Chapel at College Park, and on Monday, June 4, they held their traditional banquet and cap-stringing ceremonies at The Barn on Ritchie Highway. An all-day picnic was held Wednesday, June 6, on the Severn River, and on Friday, June 7, the seniors were guests of the Nurses' Alumnae Association at Bluecrest North.

Newly elected members of the honorary dental fraternity, Omicron Kappa Upsilon, at the Baltimore College of Dental Surgery, were announced Wednesday evening, June 6, at the fraternity's annual pre-Commencement banquet and convocation at the Lord Baltimore Hotel.

The initiates were introduced by Dean Myron S. Aisenberg. Members chosen from the graduating class were Robert Apfel, Paul William Bushman, Richard Farish Downes, Jr., Charles Augustus Gallagher, David Biainard Kirby, Jr., Martin Kline, Daniel Levy, Donald E. Lilley, Joseph Anthony Salvo and Allen H. Simmons.

Faculty membership in OKU was awarded to Dr. Jose H. Diaz, Assistant Professor in the Department of Operative Dentistry, in recognition of his contribution to the profession of dentistry.

Dr. Russell Fisher, Chief Medical Examiner of the

Fifty-year graduates and their wives are welcomed by alumni of the School of Medicine at their banquet in Baltimore.





DEGREE CERTIFICATES CONFERRED JUNE 9, 1962

GRADUATE SCHOOL	
<i>Ph.D.</i>	90
<i>Ed.D.</i>	19
<i>M.A.</i>	122
<i>M.S.</i>	128
<i>M.Ed.</i>	113
<i>M.B.A.</i>	20
MEDICINE	95
DENTISTRY	88
LAW	97
AGRICULTURE	66
ARTS AND SCIENCES	
<i>B.A.</i>	377
<i>B.S.</i>	153
<i>B.M.</i>	5
BUSINESS AND PUBLIC ADMINISTRATION	235
EDUCATION	
<i>B.A.</i>	89
<i>B.S.</i>	259
ENGINEERING	225
HOME ECONOMICS	57
NURSING	74
PHARMACY	43
PHYSICAL EDUCATION, RECREATION AND HEALTH	55
UNIVERSITY COLLEGE	
<i>B.A.</i>	220
<i>B.S.</i>	409
Grand Total	3,039

State of Maryland, and Professor of Forensic Pathology at the University of Maryland School of Medicine, was principal speaker.

Dr. Richard C. Leonard, Lecturer in Public Health Dentistry, who presided at the meeting, retires this year as President of OKU and also retires from the faculty of the University of Maryland after 31 years of service.

Graduates and alumni of the college of Dental Surgery were honored Friday morning, June 8, at an Academic and Awards Program at the Lord Baltimore Hotel.

Dean Myron S. Aisenberg presented the following student awards: University Gold Medal for Scholarship, Summa Cum Laude, Paul William Bushman; Certificates of Honor, Magna Cum Laude, Donald Eugene Lilley,

Martin Kline, Joseph Anthony Salvo, Jr., Robert Apfel and Richard Farish Downes, Jr.; The Alumni Association Medal, George Cary Clendenin; The Harry E. Latchman Memorial Medal, Lee Howard Roper; The Harry E. Kelsey Memorial Award for Professional Demeanor, George Joseph Goodreau, Jr.; The Harry B. Schwartz Award, Robert Randolph Parker; The Edgar J. Jacques Memorial Award, Joseph Anthony Salvo, Jr.; The Herbert Friedberg Memorial Key, John Thomson, III; The Timothy O. Heatwole Chair, Richard Farish Downes, Jr.; The Katharine Toomey Plaque, James Emil Andrews; The Sigma Epsilon Delta Memorial Medal, Paul William Bushman; The Alpha Omega Scholarship Award, Paul William Bushman; The Alexander H. Paterson Memorial Medal, Lawrence Frank Halpert; The Isaac H. Davis Memorial Medal, Richard Farish Downes, Jr.

Paul-Henri Spaak, Belgian Foreign Minister and pioneer spirit of European unity, called for a politically united Europe at the Spring Commencement Exercises of the University of Maryland European Division on June 3, in Heidelberg, Germany.

One hundred and thirty-nine military and civilian personnel stationed in countries throughout Europe received bachelor degrees in formal cap and gown ceremonies in the Neue Aule of Heidelberg University.

Dr. Wilson H. Elkins, University President, personally conferred degrees on each of the graduates. In addition, he conferred honorary degrees of doctor of law on both Mr. Spaak and the Honorable Walter C. Dowling, United States Ambassador to West Germany, who was also present. Spaak was introduced by Honorable Douglas MacArthur III, United States Ambassador to Belgium, who accompanied the Vice Premier to Heidelberg for the Commencement.

Four of the graduates listed Maryland as their home state. They were Lt. Col. Robert E. Barry, of Brentwood; Maj. Russell A. Cogar, of Severna Park; Stephen J. Hartman, of Cheverly; and Captain Daniel W. Nicholson, also of Cheverly.

The fifth annual formal Commencement of the University of Maryland's Far East Division was held in Tokyo on March 28, when 78 U. S. servicemen and civilians received bachelor's degrees. More than 1,200 guests observed the 51 students receive their degrees in person from Dr. Albin O. Kuhn, Executive Vice President.

U. S. Ambassador to Japan, Edwin O. Reischauer, delivered the Commencement address and was awarded an honorary doctor of laws degree. Tamon Molda, former Japanese Education Minister, also received an honorary doctor of laws degree.

The graduates were among some 5,000 students who attended evening classes on a part-time basis at 45 military installations in Japan, Okinawa, Korea, Taiwan and Guam.



Portrait of a Young Alumnus

Robert Scott Couchman is a marked man. Dean, teacher and company executives watch with admiration as this young 1959 engineering graduate builds for himself the beginnings of a brilliant career.

IN THE THREE YEARS SINCE HIS GRADUATION ROBERT Scott Couchman, M.E., '59, has become a genuine authority in a new engineering field. His success in the relatively new area of "combined cycles" in the design of turbines has made him a young man to watch in the General Electric Company in Schenectady, New York. GE's evaluation: "He has a brilliant future."

The University's evaluation of Couchman preceded GE's by several years. As a senior in high school in Hagerstown, he applied for and received a full four-year University Scholarship. The University's expectations were soon realized; he quickly became an outstanding student. Dean Frederic T. Mavis remembers: "This young man was tops. He definitely had what it takes, in both a technical and personal sense." The University record shows that he graduated second in a class of 208 engineers, and fifteenth in an all-University class of 1,947 students.

Recalling his undergraduate days, Couchman says that "the high quality program offered by the School of Engineering has provided me with a good background which has sustained me in my work at GE."

The high degree of career orientation Couchman displayed as an undergraduate was most unusual. While many Seniors develop a strong preference for a product area (missiles, computers, reactors), few have a detailed understanding of the specific technical work to which their skills can be applied. No doubt his summer work in 1956, 1957 and 1958 with the Potomac Edison Power Company was a profound influence, rousing his interest in steam turbine generators. It was during this time that he recognized the challenge which existed in the thermodynamic problem of turbine design.

As he prepared to graduate, competition for his services was intense. He accepted an offer of employment from General Electric and entered the company as a member of their Engineering and Science Program.

His first Program assignment was in just the department he wanted, although not in the area of work on which he had set his sights. In a matter of weeks, however, an excellent match of man and job was consummated and Couchman went "off-Program" to accept a permanent position in the Steam Design component of Turbine En-



Like so many of his generation, Robert Couchman seemed to discover early what kind of a career he wanted, and then set eagerly to work to achieve it.

gineering Operations. It was unusual for a young man hired for GE's Engineering and Science Program to so quickly leave the Program to accept a specific position. One of the purposes of the Program is to provide opportunity for graduates to experience a variety of technical work in a series of three or four-month assignments, while availing themselves of advanced education opportunities. Most Program men accept permanent positions after nine months or a year and many remain on Program for two or three years, depending upon the extent of their participation in advanced courses.

STEAM DESIGN ENGINEERING IS A PIVOTAL UNIT WITHIN the Large Steam Turbine-Generator engineering organization. Since all large power-makers are custom designed for a specific application, much study is involved before customer can write equipment specifications. Primary concerns of the customer are capability (rated generating capacity), performance (efficiency of operation), and price. Turbine efficiency gains of a fraction of one percent can save many thousands of dollars in operating costs. When a customer contemplates adding to his generating capacity, Steam Design Engineering is called upon to help propose the optimum solution. Steam Design predicts thermodynamic performance obtainable within limits imposed by circumstances of application. Based upon these and other feasibility studies, the customer prepares equipment specifications and asks for bids. If General Electric is successful bidder, Steam Design Engineering is then responsible for thermodynamic design of turbine to meet performance guarantees.

Although the youngest (25) permanent engineer in Steam Design, Couchman has already become an authority in the relatively new area of "combined cycles." Pending further materials break-throughs, combined (steam turbine-gas turbine) cycles are the best avenue for improving turbine performance. In parallel with the rapid assimilation of combined cycle technology, Couchman has

also become an expert in boiler performance for high pressure cycles. In addition, his work involves thorough knowledge of the economics of the electric utility industry and of GE's development, design and production capabilities.

Couchman handles a wide variety of assignments—each unique. His superiors report that his ability to learn, understand and apply new concepts and techniques is remarkable, and that his rapidly growing technical competence is widely respected by professional associates both within GE and among utility customers. His excellent training at the University in thermodynamics, fluid flow, strength of materials and stresses plus an ability to apply this knowledge in new situations has served him well.

In his first year with GE, Couchman took the company course in Computer Programming and participated in the Creative Approach Seminar course. During the past two years he has been attending Union College two nights a week under the Company's Tuition Refund Program. He expects to complete work for the MS in Mechanical Engineering next year. Appropriately, his thesis subject will probably be on thermodynamic characteristics of supercritical pressure cycles.

He is active in the Hudson-Mohawk Section of ASME, having served last year as Editor of the Newsletter and currently as member of the Section's Executive Board. He is married to the former Barbara Blake of Baltimore. They have a daughter, Elizabeth, a year and a half old. The Couchmans are members of Grace Lutheran Church and for a time he served as Assistant Scoutmaster of the church-sponsored Troop. The Couchmans live in Sheridan Village Apartments, Schenectady, N. Y.

Three years after his graduation, Robert Scott Couchman looks back to his undergraduate days and emphasizes: "From my own experiences I know now of the high quality of the University of Maryland's School of Engineering. The School offers a program providing a good background of engineering. I haven't lacked for this in my work at GE."



Alumni Day Attracts Many To Campus

THE DAY WAS PERFECT AND ALUMNI RETURNED TO the College Park campus in great numbers. The Student Union was the headquarters for a number of class reunions of the College Park Alumni, as well as for five College Alumni Business Sessions.

It was Saturday, May 12, and the early risers began reaching the campus shortly after 9:00 a.m. Following registration and a brief coffee hour the large group disbursed into many smaller segments. Alumnac of the Col-

lege of Home Economics centered their activities in the Maryland Room of their College Building. Many others concentrated on old yearbooks, pictures, and memories. The Class of 1922 made a trip to the Chapel to present a unique and beautifully hand-made altar cloth which was the "labor of love" of Mrs. Mildred Smith Jones. This gift was a year in the making and is being used on the altar of the small Chapel.

Just prior to the traditional chicken barbecue luncheon,

business sessions and elections were held. The following Association Presidents were elected: Agriculture, Mylo Downey, '27; Arts & Sciences, Joe Mathias, '35; Business & Public Administration, Thomas R. Bourne, Jr., '43; Education, Miss Dorothy L. Ordwein, '35; Engineering, Emmett T. Loane, '29; and Home Economics, Mrs. Mary Ward Davis, '55.

In the afternoon, alumni attended athletic contests, visited campus points of interest, and attended additional reunions. The 1962 Varsity took the full measure of former Maryland football greats 24-0, giving full warning to opponents on the schedule this fall. Preceding the football game, the Maryland lacrosse team outclassed the Maryland Lacrosse Club, 21-3.

The annual spring reunion of the alumni of the College of Home Economics took place on Saturday, May 12, in the Maryland Room of the College, beginning with registration and a coffee hour at 9:30 a.m.

Remarks were given at the business meeting by Mrs. Ruth Lee Clarke, Chairman of the Home Economics Board. New members elected to the Board were Erna Reidel Chapman, Doris Thompson Terry and Margaret Loar.

Dr. Helen E. Clarke, Dean of Women at the University, spoke on "What Are We Educating Women For?" and Dean Selma Lippeatt elaborated on "Patterns of Progress."

The Senior Award was presented to Claudia Brush and honorary awards were given to Erna Reidel Chapman and Mae Yingling Cotterman.

No Alumni Day can be measured except in terms of those who returned. In this connection the Alumni Association and the University may now report another real success. Many of those who honored us with their presence included the following:

Attending from the Golden Anniversary Class of 1912 were Fulton W. Allen, Salisbury; T. Raymond Bureh, College Park; Earl R. Burrier, Scranton, Pennsylvania; Walter A. Furst, Ft. Lauderdale, Florida; Hugh C. F. Gill, Baltimore; J. M. Lednum, Sayville, New York; I. A. Miller, College Park; James G. O'Connor, Washington,



President Elkins welcoming former students and greeting those who soon may be a part of campus life.

D.C.; Gilbert B. Posey, Washington, D.C.; Nathan R. Warthen, Kensington.

The Class of 1917 was represented by H. B. Derrick, Towson; Clarence G. Donovan, Washington, D.C.; William Dorsey Gray, Prince Frederick; William M. Kishpaugh, Hershey, Pennsylvania; Preston M. Nash, St. Petersburg, Florida; Seymour W. Ruff, Randallstown; A. H. Sellman, Washington, D.C.; Bernard F. Senart, Sarasota, Florida; Clyde C. Tarbutton, Wilmington, Delaware; A. V. Williams, Baltimore.

Representing the 40th Anniversary Class were Alfred S. Best, Chevy Chase; J. A. Butts, Beaver, Pennsylvania; F. R. Darkis, Durham, North Carolina; Edwin B. Filbert, Baltimore; Herbert D. Gilbert, Pittsburgh, Pennsylvania; Mildred S. Jones, Arlington, Virginia; William W. Kirby, Rockville; S. R. Newell, Washington, D.C.; Clayton Reynolds, Denton; Clarence D. Sasseer, Arlington, Virginia; H. Edwin Semler, Hagerstown; J. Herbert Snyder, Walkersville; Laurence J. Stabler, Wallingford, Pennsylvania; Bertha Ezekiel Topkis, Washington, D.C.; and Robert N. Young, Asheville, North Carolina.

Those who have been out 35 years and returned were Josephine M. Blandford, Washington, D.C.; Arthur C. Boyd, Washington, D.C.; M. D. Burgee, Charlotte Hall; Mylo S. Downey, College Park; Howard E. Hassler, Washington, D.C.; Elizabeth J. Taylor, Washington, D.C.; and Helen R. White, Hyattsville.

Dr. R. V. Truitt, President of the University Alumni Association, addressed the Home Economics Alumnae. President Ruth Lee Thompson Clarke is presiding.



THE "DEPRESSION" CLASS OF 1932 HAD THE FOLLOWING on campus: Louis W. Berger, Kensington; C. W. Cissel, campus; Herbert L. Davis, Ridgewood, New Jersey; George L. A. Dressel, Mt. Rainier; Mrs. Charles W. Fouts, Flemington, New Jersey; Charles W. Fouts, Flemington, New Jersey; Don F. Hammerlund, Silver Spring; W. Miles Hanna, Whiteford; Mary Ingersoll Jenkins, Silver Spring; Jess Krajovic, Upperco; W. M. Krieker, Sandy Spring; Aldrich F. Medbery, Silver Spring; Maurice J. Murphy, Sumner; Mrs. Paul E. Nystrom, Hyattsville; Mary Wells Roberts, West Virginia; J. Courtney Suter, Washington, D.C.; Arthur G. Turner, Searsdale, New York; Robert M. Walker, Silver Spring; S. Chester Ward, College Park;

*No Alumni Day
can be measured except
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of those
who returned*



A birds-eye view of 40 years through a reunion window.

E. G. Whitehead, Washington, D.C.; Vera Klein Woods, Hyattsville; Joseph G. Zimring, Long Beach, New York.

Celebrating their 25th Anniversary were Jack Downin, Arlington, Virginia; Gerald E. Fosbroke, Boston, Massachusetts; Charles S. Fuytney, Pittsburgh, Pennsylvania; Ralph Gray, Kensington; Francis X. Jordan, Takoma Park; Mathew J. Haspert, Towson; Harold L. Kelly, Jr., Silver Spring; Alvin S. Klein, Frederick; Louis F. Ortenzio, University Park; J. D. Paddleford, Cumberland; Flora W. Reid, Orange, Virginia; Lucile Laws Smith, College Park; Stanley B. Watson, Hyattsville.

There were six very special Alumni with us on Alumni Day, 1962 who attended Maryland prior to 1912. They were E. P. Walls, '03, Hyattsville; J. M. Hunter, '06, Church Hill; J. J. T. Graham, '06, Bowie; Temple J. Jarrell, '09, Hyattsville; Col. O. H. Saunders, '10, Washington, D.C.; and Lindsay McD. Silvester, '11, Washington, D.C.

Others who were with us to enjoy Alumni Day were Henry P. Ames, Arlington, Virginia; Charles G. Remsburg, College Park; Dr. Reginald V. Truitt, President of the Alumni Association, Stevensville; E. P. Williams, Hyattsville; W. T. Perkins, Hyattsville; Roy S. Eyre, Washington, D.C.; J. Homer Remsberg, Middletown; Ted Bissell, University Park; Geary Eppley, College Park; William Paul Walker, College Park; William P. Fusselbaugh, Philadelphia, Pennsylvania; A. W. Hines, Gaithersburg; C. Walter England, Silver Spring; Charles E. White, Hyattsville; William M. Duvall, Baltimore; M. H. Howard, Westfield, New Jersey; Geo. S. Langford, College Park; John W. Magruder, College Park; Minnie M. Hill, Washington, D.C.; M. Frances Wolfe, Silver Spring; George W. Fogg, College Park; Charles P. McFadden, Huntington, New York; William H. Evans, University Park; Robert Lee Evans, Arlington, Virginia; A. B. Hamilton, Hyattsville; Col. Robert A. Hitch, Arlington, Virginia; E. T. Loane, Baltimore; W. Lawrence Smallwood, Wash-

ington, D.C.; G. W. Algire, Seabrook; Ben Dyer, Glenwood; Creston E. Funk, Washington, D.C.; Guy W. Gienger, Hyattsville; Harry E. Hasslinger, College Park; Kathryn M. Christensen, College Park; Clara Dixon, Olivet; Jacob Friedman, Chillum; Jacob B. Sclar, Silver Spring; Frances P. Allen, Silver Spring; Tracy Coleman, Silver Spring; Virginia I. Coleman, Silver Spring; Paul E. Holmes, Greenbelt; Temple R. Jarrell, Fort Lauderdale, Florida; Joseph M. Mathias, Kensington; Dorothy L. Ordwein, Glen Burnie; Paul R. Poffenberger, Silver Spring; Frank Wise, Chevy Chase; Flo Orpwood, Hyattsville; Robert T. Reid, Orange, Virginia; F. D. Shoemaker, Washington, D.C.; Abram Z. Gottwals, Upper Marlboro; Beck Lawrence, Hanover, Pennsylvania; George E. Lawrence, Hanover, Pennsylvania; Judy King Manning, Silver Spring; Jay Phillips, Kensington; Judson H. Bell, College Park; Hotsy Alperstein, Chevy Chase; Dr. Frank L. Bentz, Silver Spring; Hyman A. Berg, Baltimore; J. Grafton Osborn, Aberdeen; Mildred Hamilton Snively, Highland; Robert H. Smith, College Park; Marvin B. Solomon, Baltimore; Robert E. Stalcup, Odem, Texas; Klovvia McKennon Tilley, Chevy Chase; W. Reeves Tilley, Chevy Chase; Seymour D. Wolf, Chevy Chase; M. Gist Welling, Adelphi; Tom Bourne, Hyattsville; Dan G. Rice, Silver Spring; Leslie A. Smith, College Park; William R. Nieman, Clarksville; James A. Stapp, College Park; Tom Orpwood, Hyattsville; E. P. Beachum, Bethlehem, Pennsylvania; Edward S. Beach, Jr., Hyattsville; Clinton A. Clubb, Lititz, Pennsylvania; Dudley Taylor, Beltsville; Frank M. Clagett, Upper Marlboro; John R. Utermohle, E. Riverdale; Gordon H. Ward, Adelphi; C. Lawrence Wiser, Silver Spring; Dennis F. Abe, College Park; Burton H. Boroff, Silver Spring; Richard Bourne, College Heights Estates; John Forchielli, Schenectady, New York; Silas A. Miller, Schenectady, New York; George W. Vermer, Hyattsville; Larry E. Rouzer, Mt. Airy; William Bridges Smith, College Park.

Maryland Books and Authors

by Mrs. Harold Hayes,
Head, Maryland Room, McKeldin Library

PRINCIPLES AND PRACTICES
OF SECONDARY EDUCATION,
by Vernon E. Anderson and Wil-
liam T. Gruhn. New York: Ronald.
Second edition, 513 pp. \$6.75.

Principles and Practices of Secondary Education, by Vernon E. Anderson and William T. Gruhn, is a stimulating discussion of modern secondary education, which includes some of the trends that may well be indicative of the possible future direction of secondary education in America.

The authors provide background information about the historical development of modern secondary education in America and present principles upon which a program of education for all youth may be based. They raise provocative questions about the implementation of principles. They discuss the methods by which these principles may be applied so that the individual student may develop to his fullest potential in terms of his abilities and in relation to his role in a rapidly changing society.

As stated in the Preface, the book "tells the story of secondary education in the United States, recording and evaluating the recent significant changes that have taken place. It has been especially written for the pre-service education student interested in keeping abreast of happenings in secondary education and in critically examining old and new practices. It will be equally useful, nevertheless, to the experienced teacher who is seeking information about current programs and trends in the schools."

Of interest to all those in the field of education will be the presentation of some of the newer trends in secondary education, among which are the revision of the content of subjects, programs for the academically talented, the use of new media and the techniques of instruction, team teaching, advanced placement plans, national testing programs, and programs for handicapped children. The authors include practices current in junior high schools, senior high schools, and community colleges.

The chapters which include descriptions of school practices are of especial interest perhaps. First, the principles basic to a modern program of



Dean Anderson

secondary education are presented, followed by descriptions of some common practices and trends, descriptions of specific secondary school practices that implement the principles, and discussions of critical issues and problems facing secondary education.

Of valuable assistance to the student is the manner in which the book is organized. The first section presents the purposes of the secondary school, discusses the impact of American culture on school policies and procedures, and describes the nature and needs of the pupils. The second part considers curriculum and instruction. The third section concerns organization and leadership and outlines the pupil services necessary for a good secondary school program. "The kind of leadership that a secondary school receives," state the authors, "in a large measure determines whether or not it will make progress in achieving changes to keep up with the rapidly accelerating pace of sociological and technical innovations."

The fourth section concerns the evaluating of programs for the achieving of quality and the need of the faculty to engage in continuous evaluation as well as in research. The authors, in considering the trends that are emerging from the practices evident in modern secondary education throughout the nation today, present the possible future secondary school, its form and content, and the condi-

tions necessary for the change that they feel is necessary if the American secondary program of education is to continue to be a vital force in our society.

The problems facing secondary education need to be carefully considered by both educators and lay citizens. "The future existence of a free society," the authors believe, "depends in large part upon the ability of the secondary schools to prepare citizens who understand and value the basic ideals of freedom and who can deal intelligently with the revolutionary changes brought about by developments in science and technology. It is within this framework that we should examine the principles and practices of secondary education in America."

Careful attention has been given in this book to a subject of major concern to both educators and lay citizens. The material, thoughtfully organized, is presented in a clear and concise manner.

"Principles and Practices in Secondary Education" contains valuable information that should serve as a guide to those whose deepest concern is the education of children and youth so that they may be inspired to exert their greatest efforts as individuals and as citizens in a rapidly changing society.

REVIEWED BY WILLIAM S. SCHMIDT, who has been superintendent of schools in Prince George's County, Maryland, since January 1951. He has been closely associated with the Prince George's County Public Schools since 1944 when he became principal of Oxon Hill High School.

Mr. Schmidt was born and raised in Frederick, Maryland. After completing his undergraduate studies at Franklin and Marshall College, he did graduate work at Columbia, Pittsburgh, Maryland, and George Washington universities.

Actively interested in educational and civic groups, he has been a leader in various educational organizations in the state and D. C. area. This past October, Mr. Schmidt was a member of a group of 18 educators who toured the Soviet Union to study some aspects of the Russian educational program.

THE GENERAL ALUMNI COUNCIL

SCHOOL AND COLLEGE REPRESENTATIVES:

AGRICULTURE

H. M. Carroll, '20
Paul M. Galbreath, '39
Abram Z. Gottwals, '38

ARTS & SCIENCES

Richard Bourne, '57
Joseph M. Mathias, '35
Dr. Reginald V. Truitt, '14

BUSINESS & PUBLIC ADMINISTRATION

Thomas E. Bourne, Jr., '43
Egbert F. Tingley, '27
Chesler W. Tawney, '31

DENTISTRY

Dr. Charles E. Broadrup, '32
Dr. Harry Levin, '26
Dr. Edward D. Stone, '25

EDUCATION

Edward S. Beach, Jr., '49
Harry Hasslinger, '33
Miss Dorothy L. Ordwein, '35

ENGINEERING

Emmett Loane, '29
Tracy C. Coleman, '35
Ben Dyer, '31

HOME ECONOMICS

Mrs. Erna R. Chapman, '34
Mrs. Ruth T. Clarke, '42
Mrs. Mary Ward Davis, '55

LAW

Emory H. Niles, '17
Hon. W. Albert Menchine, '29
G. Kenneth Reiblich, '29

MEDICINE

Dr. Ernest I. Cornbrooks, Jr., '35
Dr. Arthur G. Siwinski, '31
Dr. William H. Triplett, '11

NURSING

Mrs. E. Elizabeth R. Hipp, '29
Mrs. Norma S. Long, '49
Mrs. Kathryn Prokop Donnelly, '48

PHARMACY

Hyman Davidov, '20
Samuel I. Raichlen, '25
Frank J. Slama, '24

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Nurs., '47; Edu., '51
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Col. O. H. Saunders, '10, *Past President*
Dr. Albert E. Goldstein, '12
Past President
T. T. Speer, '17, *Past President*
C. V. Koons, '29, *Past President*
Dr. Arthur I. Bell, '19, *Past President*

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Frederick County—
Nelson R. Bohn, '51
"M" Club—George Knepley, '38
Montgomery County—
Robert W. Beall, '31
New York—Harold McGay, '50
Prince Georges County—
Dr. John W. Cronin, '36
Richmond—Paul Mullinix, '36
Terrapin—James W. Stevens, '19
U. S. Dept. of Agriculture—
William H. Evans, '26
Washington County—
Carson S. Couchman, '51

THE



A LUMNI DIARY

THIRTY THOUSAND EYES WERE FOCUSED FRONT AND CENTER AS 3,000 minds were praised for accomplishment. The Cole Activities Building was the scene of the 1962 University of Maryland Commencement. Here was a visible demonstration of knowledge transmitted and absorbed. Generations of intellect, trial and error, and final achievement had been successfully compressed and stored in these young minds.

As we joined in the applause, recognizing another completed step in the ladder of life, our mind turned to the responsibilities of this generation and to the possible decisions which must be made. It was reassuring to contemplate that each of our new alumni, men and women, who will serve with distinction in every walk of life, had been given the training and the tools with which to lead and follow, as the tides of world events may flow.

The one dominant and inescapable factor is that this generation cannot escape the responsibility of making decisions. Previous generations are remembered in spite of themselves for the groundwork which they laid. These new alumni like the many who preceded them are part of a great democratic image where no man is free to be without opinion. If freedom is to be preserved, these opinions must be well-considered and based upon facts, tempered in the judgment of conscience and of our own souls.

The reluctance of so many to accept responsibilities, the willingness to leave the hard decisions to the experts, is the direct erosion of faith—faith in God, faith in Country, and faith in oneself. It is for the college graduate, and in our case, for the alumnus of a great institution, to take the lead in preventing a further drift from these basic faiths, in order that an insecurity which would envelop our individual and national lives might be dispelled.

As leaders, and university graduates must be, or all is lost, we are well aware that only the truth is important. No research becomes significant until it is proven beyond all doubt. No instructor is satisfied to present less than actual fact if he is worth his salt. No college graduate, be he novice or veteran, can be satisfied with limited responsibility in guiding his own destiny. We will not find inspired leadership in men and women who believe that statesmanship and responsibility are matters of accommodation.

At the center of every hurricane is an eye, an island of calm in the midst of violent forces. Whenever decisions are to be reached and controversies resolved, we can count on our alumni to have the courage, the strength, and the depth to fight through to the eye of the hurricane.

If this era of history explodes violently about us, we who have had these educational advantages must remain a stalwart bastion against all challenges to our way of life, our freedoms, and our faith. This is a time of great decision. It is likewise a period for positive action. We bear the stamp of the University of Maryland, and thereby inherit the awesome challenge, not only of assuring the future strength of our Country, but of holding up to others in the world an image of free men humble in their own strength and unfrightened by the challenges of our time. This the tradition . . . it is also the future!

Sincerely,

DAVID L. BRIGHAM
Alumni Secretary



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF ACTIVITIES

AUGUST

6-11 State 4-H Club Week.

24 Instruction Begins.

DECEMBER

21 Christmas Recess Begins.

SEPTEMBER

4-7 Firemen's Short Course.

17-21 Fall Semester Registration.

NOVEMBER

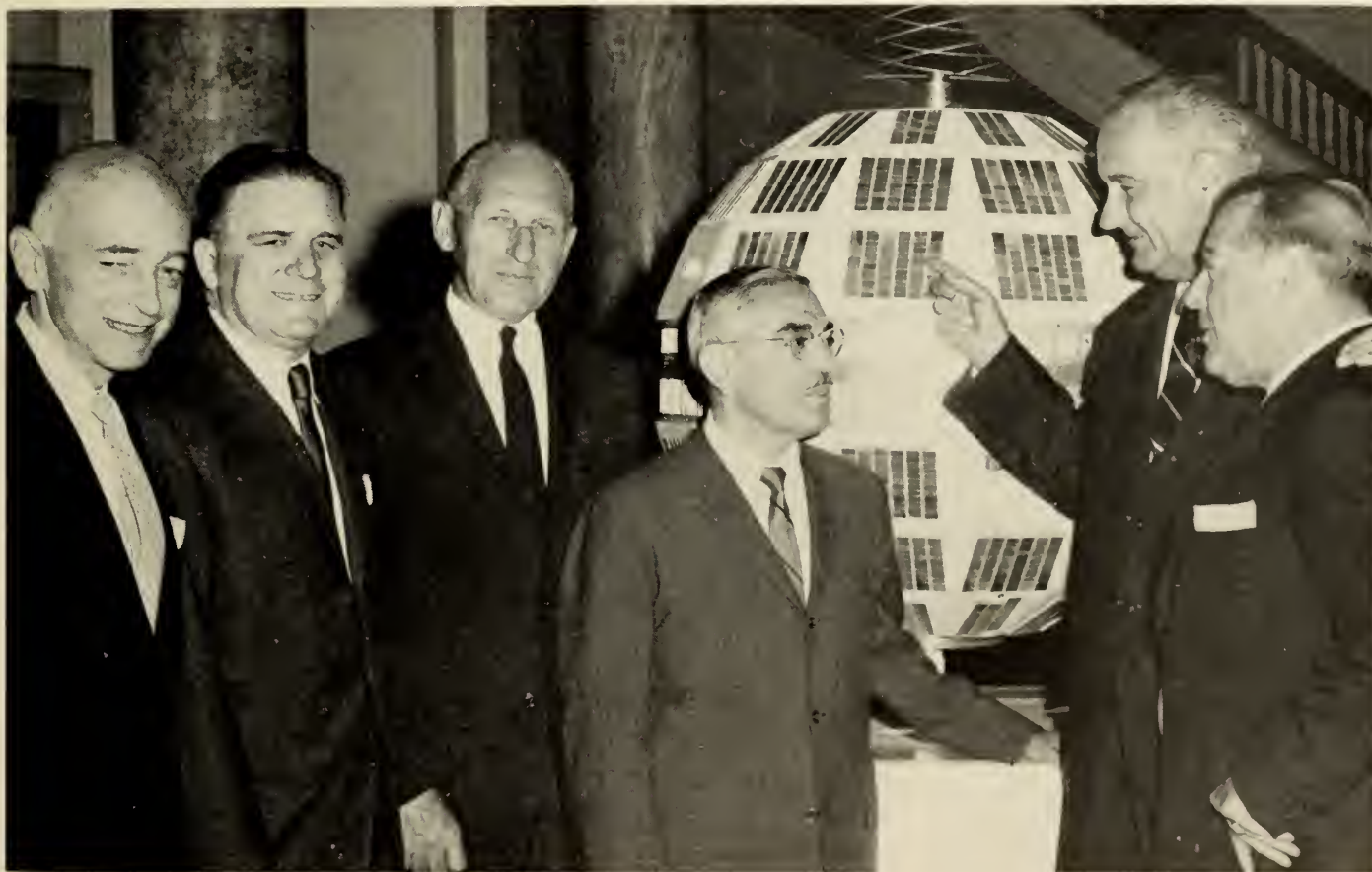
21 Thanksgiving Recess Begins.

26 Thanksgiving Recess Ends.

JANUARY

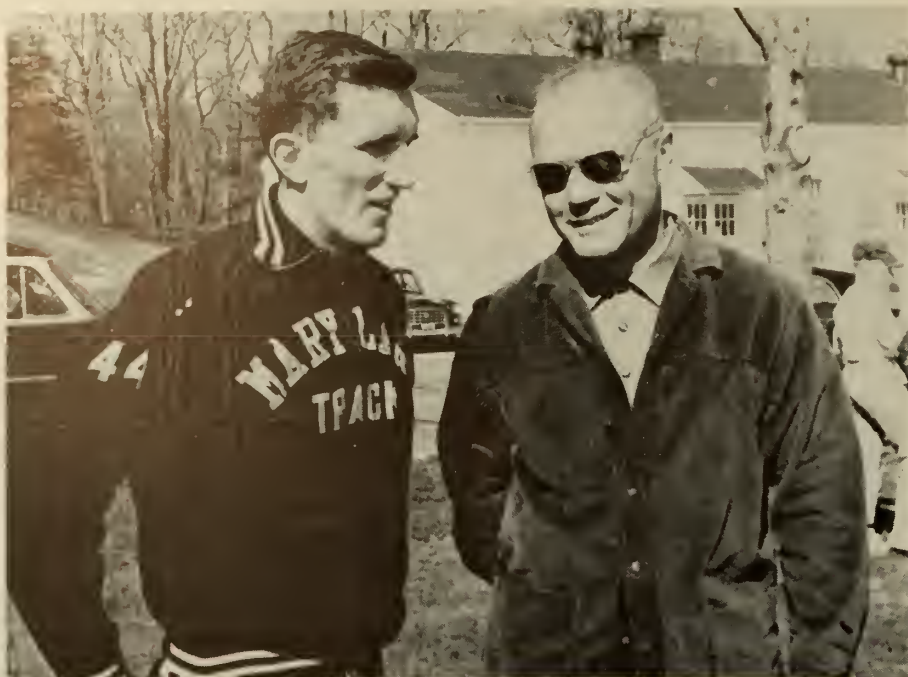
3 Christmas Recess Ends.

23 Pre-Examination Study Day.



Following the special closed circuit demonstration of the Telestar communications system, July 10 in Washington, D.C., participants pose with a model of the satellite. From left to right: Dr. Edward C. Welsh, Executive Secretary of the Space Council; James E. Webb, NASA Administrator; Mr. Dingman, Maryland alumnus and A. T. and T. Executive Vice President

who made the presentation to the leaders of the American government, education, science and industry; Senator John O. Pastore of Rhode Island; Vice President of the United States Lyndon B. Johnson; and Warren G. Magnuson, U. S. Senator from the State of Washington.



John Belitza, Maryland's 15-foot, 4-inch, pole-vaulter, is pictured with Astronaut Colonel John H. Glenn at the Quantico Relays.

Peace Corps on Campus

Peace Corps trainees are learning Turkish and Spanish this summer in the new Language Building on campus. The University of Maryland for the first time in its history has set up, under contract with the Peace Corps, a training center for 118 Volunteers, who will be sent to Turkey, British Honduras, Ecuador and Venezuela. The program, which runs from June 25 to August 25, has Dr. A. R. Cardozier as Coordinator.

The young men and women are trained intensively in the language, geography, economics, history and cultural traditions of their host nations, in American Studies, and in their particular specialty. In addition, they are given training and conditioning under the direction of Mr. D. A. Steel of the University's Physical Education Department.

Sixty students are being taught Turkish by Mr. Robert Meskill and his staff. Dr. Thomas S. Sutherland, Director of the Center's Language Studies and Professor of Spanish, reported: "Language is of the utmost importance to the Volunteers' success abroad. We are giving them three to five hours per day—six days a week—of language instruction with the full laboratory facilities of the University's Foreign Language Department. This Maryland program is a first step in establishing a consortium of universities pooling their resources of scholarship, specialization and facilities to fill the complex needs of volunteers sent to a growing number of foreign countries."

Dr. A. B. Hamilton, Assistant Coordinator, explained that World Affairs

are being taught on our campus by specialists from Hopkins, and American Studies by George Washington University. "Every volunteer," he stated, "selected on the basis of rigorous examinations, must have his own specialty. In many cases this is teaching, or it may be statistics, or bulldozing. A refresher short course in it is offered the trainee. Our program is expanding."

A large instructorial staff is involved. Two Marylanders are included among the Volunteers, one who taught in a State secondary school, another, a graduate of the Maryland State College.

Mr. McCormick To Direct U.S. Savings Bond Drive

Charles P. McCormick, Chairman of the Board of Regents of the University of Maryland, Chairman of the Board of McCormick & Company, Chairman of the Baltimore Civic Center Commission, and a Director of the Equitable Trust Company of Baltimore, has been named Chairman of the Maryland Volunteer Savings Bond Drive.

Mr. McCormick succeeds Royden A. Blunt, Baltimore industrialist who served as State Chairman of the Bond Drive since 1957.

As Maryland's new State Chairman, Mr. McCormick brings a wealth of experience to the Savings Bonds program. He has held such important posts as Director of the Federal Reserve Bank of Richmond; Chairman of the National Heart Fund campaign for two years, and the National Advisory Council on

Naval Affairs. He is chairman of the Baltimore Civic Center Commission.

The new State Chairman has actively participated in and directed several public service activities at the local and national level. In 1960 he was awarded the Henry Laurence Gantt Memorial Gold Medal "for distinguished achievement in industrial management as a service to the community." He is a holder of the Exchange Club's annual Golden Deeds Award for 1958, the Metropolitan Civic Association's Achievement Award for 1961, and the 1961 Heart Fund Award.

Dr. Elkins Named To Committee

Dr. Wilson H. Elkins, President of the University, was one of nine national and area leaders appointed to the Advisory Committee on Finance by C. Darwin Stolzenbach, Administrator of the National Capital Transportation Agency.

Dr. Elkins also serves as a member of the Board of Control of the Southern Regional Education Board, a member of the Executive Committee of the Middle States Association of Colleges and Secondary Schools, and Secretary-treasurer of the National Association of State Universities.

Astronomy Program Launched

A major research and teaching program in astronomy was launched at the University of Maryland on July 1.

The University's Department of Physics has been renamed the Department of Physics and Astronomy, and academic programs leading to B.S., M.S. and Ph.D. degrees in astronomy will be offered.

Director of the new program is Dr. S. Fred Singer, Professor of Astrophysics. Dr. Singer will be on leave of absence from the University until September, 1963, and during his temporary absence, Dr. Howard Laster, Associate Chairman of the Department, will serve as Acting Director of the Center of Atmospheric and Space Physics.

Four leading astronomers have positions in this program. They are Professor and Associate Chairman for Astronomy, Gert Westerhout, who has come from the University of Leiden, Holland; Professor Ernst Opik, who has been at Maryland since 1957; Associate Professor William Erickson, who will arrive from Convair Research Laboratory and Leiden University next year; and Assistant Professor Uco Van Wijk, who came to Maryland from Princeton University in September, 1961. They

will direct research programs in radio-astronomy, astrophysics, planetary astronomy, solar astronomy and stellar dynamics.

The National Aeronautics and Space Administration has recognized the importance of this program by granting the Department \$192,000 to provide 10 three-year traineeships for outstanding graduate students who will study astronomy and space physics. These students will be given tuition-free stipends of \$2400-\$3400 per year to support their Ph.D. studies.

Bertha Woods Manuscripts are Received by the Library

A collection of manuscripts, poems and articles by Bertha Gerneaux Woods, wife of a former President of the University of Maryland, has been donated to the University Library by her son.

These works cover the period 1888 to 1944 and include: 12 volumes of clippings from published articles, three bound books of poems, two pamphlets of verse and three handwritten manuscripts.

Mrs. Woods' husband, Dr. Albert F. Woods, was President of the University from 1917 to 1926. Their son, Mark W. Woods of Hyattsville, made the presentation. Some papers of Dr. Woods were included among this literature. He died in 1948.

Two of the books of poems, *Verses by Three Generations* (1921) and *Patient Scientist and Other Verses* (1928), were published by the University Press, University of Maryland.

These materials will be housed in the Maryland and Rare Books Department at the Library.

Dr. Weber Awarded Fellowship

Dr. Joseph Weber, Professor of Physics, was recently granted a fellowship award by the John Simon Guggenheim Memorial Foundation for studies in the fields of classical and quantized general relativity.

The Foundation was established in 1925 by the late U. S. Senator Simon Guggenheim and by Mrs. Guggenheim in memory of a son, John Simon Guggenheim, who died as a young man in 1922. The fellowships are granted to persons of the highest capacity for scientific research, and to persons of unusual and proved creative ability in the fine arts. The grants are awarded to assist the fellows to further accomplishment in their fields through carrying on studies which they have themselves proposed.



From left, Ron Grodziecki, President of the Senior Class, presents pledges from senior class members of \$3,600 to Alvin E. Cormeny, Assistant to the President for Endowment and Development. The gift from the Class of '62 will be used to purchase books for the library when the pledges are redeemed this summer. Also participating in the presentation ceremony are Assistant Dean for Student Life George Kaludis, Kay Meyers, Senior Class Vice President, Cynthia Heisler, Associated Women Students representative, and Mike Benkert, Men's League representative.



Mrs. Elmer J. Laurent of College Heights, Maryland assists Senator George D. Aiken with the cake cutting at the recent Centennial celebration of the signing of the Act establishing Land-Grant colleges by President Abraham Lincoln on July 2, 1862. Looking on is Paul Morrill of Arlington, Virginia, a collateral descendant of former Senator Justin Smith Morrill of Vermont, author of the Land-Grant Act. The ceremony, held at National Archives, was attended by a distinguished audience of Ambassadors, Members of Congress, Educators and Government officials. Senator Aiken, who occupies the Senate seat of Senator Morrill, made the address. Mrs. Laurent is a June graduate of the University of Maryland—a Land-Grant institution. The cake was decorated with a map showing the location of the 68 Land-Grant institutions in the United States.



Professor Cunningham New Dean of Law School

Professor William P. Cunningham has been appointed Dean of the University of Maryland School of Law to succeed Dean Roger Howell, who retired July 1 after 35 years of service to the University.

A graduate of Harvard Law School, where he was a teaching fellow for a year before joining the University of Maryland faculty in 1954, the new dean has held the rank of full professor since 1960 and is now teaching federal taxation, corporation law, legal accounting, and a seminar in current tax problems.

Professor Cunningham was born in Boston. He attended Phillips Exeter Academy and was graduated from Harvard College, where he was elected to membership in Phi Beta Kappa.

He was admitted to the Massachusetts bar in 1949 and practiced law in Boston for five years. He was admitted to the Maryland bar in 1954 and has been active in the Maryland State Bar Association; since 1960 he has served as its Executive Director as well as Director of its Committee on Continuing Education of the Bar.

He is also a member of the American Bar Association and its Section on Taxation, the Bar Association of Baltimore City, the American Association of University Professors, and the Order of the Coif, honorary law fraternity.

Professor Cunningham has contributed articles to law reviews and served as General Editor of a series of seven Maryland Basic Practice Handbooks, published by the Maryland State Bar Association and the Junior Bar Association of Baltimore City.

He resides in Lutherville with his wife, son and daughter.

Awarded SGA Plaques

Robert J. McCartney, Director of University Relations, Dr. Norman Laffer, Associate Professor of Microbiology, and Dr. Charles Manning, Acting Dean of the College of Arts and Sciences, were presented faculty-staff award plaques at the Student Government Association Convocation Tuesday, May 22, at Ritchie Coliseum.

The awards were given in recognition of outstanding services rendered to the student body during the 1961-62 school year.

Chemistry Alumni Meet

The alumni of the Department of Chemistry held two luncheons recently in connection with the national meeting of the American Chemical Society in Washington, D. C. Dr. Charles E. White, Chairman of the Department, outlined the growth of the University and the development of the Department.

The luncheons were arranged by Dr. William J. Bailey, Research Professor of Organic Chemistry at the University.

AFROTC Winners Named

Winner of the Governor's Cup, offered each year by His Excellency, the Governor of Maryland, to the best drilled

squadron within the Corps of Cadets at annual AFROTC Day at the University of Maryland on May 16, was Squadron 131, commanded by Cadet Major Stephen L. Bennett. The award was presented by Dr. Thomas B. Symons of the Board of Regents of the University.

Recipient of the Scabbard and Blade Coblenz Memorial Cup, presented each year to the most outstanding group within the Corps of Cadets, was Group VI, with Cadet Major Thomas S. Schammel as Commander. Mr. B. Herbert Brown, Secretary of the Board of Regents, made the presentation.

The Alumni Cup, offered each year to the best drilled flight within the Corps of Cadets, was won by Flight C, Squadron 64, commanded by Cadet 1st Lt. M. D. Boyd and was presented by David L. Brigham, Director of Alumni Relations.

Cadet Colonel Paul I. Bowen, Jr., was presented the Air Force Association Award, a silver medal presented each year to the outstanding advanced AFROTC cadet based on scholastic grade, both general and military, individual characteristics and performance at summer camp. Presentation was made by George D. Hardy, National Secretary of the Air Force Association.

Robert J. McCartney, Director of University Relations, presented three awards: The Sun Newspaper Award, offered to the best drilled sophomore cadet with the Corps of Cadets, to Cadet Larry P. Klipp; The Chicago Tribune AFROTC Gold Medal Award, presented annually to two sophomores who are in the top 10 per cent of their leadership and other AFROTC classes, who possess strong moral character befitting a potential Air Force officer and who have expressed a desire for an Air Force commission, to Cadet Lieutenant Harry R. Blacksten and Cadet Thomas L. Hranicka; and The Chicago Tribune AFROTC Silver Medal Awards, presented annually to two freshmen who are in the top 10 per cent of their AFROTC classes, have strong moral character and who have expressed a desire for an Air Force commission, to Cadet Anthony E. Maione and Cadet Lt. John M. Georgi.

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Investigating the Fever Caused by Typhoid Infection

A step toward understanding how typhoid fever produces its wracking fever and pain was announced recently by four University of Maryland researchers in a paper presented by Dr. Sheldon E. Greisman at the 75th Annual Meeting of the Association of American Physicians in Atlantic City, New Jersey.

Dr. Greisman's work was performed in collaboration with Dr. Richard B. Hornick, Assistant Professor of Medicine, Frank A. Carozza, a medical student, and Dr. Theodore E. Woodward, Professor and Head of the Department of Medicine, who directs the work.

The University of Maryland studies, which have been under way for several years, are being conducted on prison volunteers at the Maryland House of Correction at Jessup. They are being performed with the collaboration and sponsorship of one of the Commissions of the Armed Forces Epidemiological Board. The work that Dr. Greisman is reporting is only one study of this series. To test the theory that the human subject will soon develop tolerance to endotoxin when it is given him continuously and after several days injections of the non-living chemical will no longer produce the symptoms of typhoid fever, while active typhoid fever, caused by living bacteria, makes the patient ill for two weeks or more

and he cannot throw off these effects, thus indicating that the disease is mediated by circulating endotoxins, Dr. Greisman made volunteers tolerant to endotoxins by repeated daily injections for a week or more. He then gave these subjects a dose of living typhoid germs. His studies showed the opposite of the reasonable conclusion that if endotoxin had been producing the actual manifestations of typhoid fever, then the living bacteria would not make the subjects ill after they had developed tolerance. He found that the subjects got just as sick as if they had not developed tolerance to the endotoxin.

"Nature is not often foolish," Dr. Greisman says. "But in this instance, nature does seem foolish—when the patient is acutely ill, and needs tolerance to the endotoxin, he loses it, but can develop it again when he gets well."

Human subjects are used in these studies because no experimental animal has been found susceptible to typhoid infection, with the exception of the chimpanzee, which develops only a mild illness that does not even require antibiotic treatment.

The human studies offer very little risk or discomfort to the volunteers because antibiotics control the infection within days as contrasted to weeks in the natural disease.

U.S. AIR FORCE PHOTO



Lt. Colonel Louis W. Berger, who was recently appointed Superintendent of Building Services at the University of Maryland, is being awarded the first Oak Leaf Cluster to the Air Force Commendation Medal at ceremonies marking his retirement from the Air Force after over 20 years of active duty. The award was made by Brigadier General F. L. Vidal, Commander of the Second Air Force Reserve Region at Andrews Air Force Base.

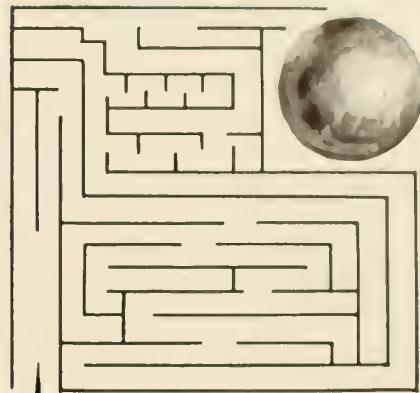
Berger Heads Building Services

Louis W. Berger, A & S, '32, who retired in April as a Lieutenant Colonel in the U. S. Air Force, after more than 20 years of service, has been appointed Superintendent of Building Services at the University.

Colonel Berger, who lives at 4308 Clearbrook Lane, Kensington, Maryland, entered active duty with the Army Air Corps in February, 1942, after a notable career in amateur and professional athletics that led to his election to the Maryland State Hall of Fame and to the Helms Foundation for Basketball Hall of Fame. An All-American basketball star with the University of Maryland 1931 and 1932 teams, he also made All-American for his baseball exploits with the 1932 Maryland team.

His athletic career began with Technical High School, Washington, D.C., where he was elected to the all-high-school team for the District of Columbia in basketball, baseball and football. In 1931 he won the "Best Athlete Award" at the University and Maryland's "Citizenship Award" in 1932.

(Continued on next page)



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After receiving his degree in Economics,
he played professional baseball with the
Cleveland Indians, Chicago White Sox,
and the Boston Red Sox until his entry
on active duty in 1942.

He was assigned as Director of Ad-
ministrative Services for Headquarters,
Second Air Force Reserve Region at
Andrews Air Force Base, Maryland,
upon its activation in August, 1960, and
remained in that post until his retire-
ment on March 30.

In addition to the Air Force Com-
mendation Medal with one Oak Leaf
Cluster, his military decorations include
the Bronze Star Medal and the Army
Commendation Medal.

THOMAS STARCHER



In ceremonies at the Ethel Barrymore
Theatre in New York, May 5, Miss
Olivia deHavilland, twice winner of the
motion picture academy award "Oscar,"
became the second honorary member
of the University of Maryland Drama
Wing. In the above photo, Judy Lanier
of Drama Wing is shown pinning the
organization's emblem on the motion
picture actress. Miss deHavilland is now
appearing on Broadway with Henry
Fonda in "A Gift of Time". Broadway
actress Julie Harris became the first
honorary member in 1960.

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A. B. Hamilton

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Charles E. Burkhead received the award for "outstanding technical competence and resourcefulness in planning crop estimating programs." Burkhead was in charge of the Maryland office of Statistical Reporting Service for several years before being transferred to Washington.

Dr. Peter H. Heinze received his Ph.D. degree in plant physiology from the University of Maryland in 1940. He received the award for his research in horticultural crops.

HEARN INSURANCE SUPERVISOR

Richard Hearn, '53, has been promoted by State Farm Mutual Insurance Company to Property Claim Supervisor for their Eastern Division.

DAUGHERTY ADVANCED

Charles G. Daugherty, '57, has been promoted to District Salesman by the McMillen Feed Division of Central Soya. He will be responsible for the states of Maryland, Delaware and New Jersey.

HAIG RETIRES

Professor Fred "Doug" M. Haig, '18, has retired from North Carolina State College where he was a member of the Animal Industry Department for 42 years.

At Maryland he was on the dairy and poultry judging teams, was ranking student cadet officer in R.O.T.C., graduated with honors and received the James Goddard Memorial Gold Medal for scholarship.

To keep young in his retirement, he will continue some of his hobbies which include the raising of Registered Boston Terriers and Dorset Sheep.

College of ARTS AND SCIENCES

PERSONAL NOTES

Captain Donald E. Covell, '40, received the United States Air Force Commendation Medal at Lajes Field, Azores, in recognition of his meritorious service at the USAF Hospital, Orlando AFB, Florida.

Army Reserve Specialist Four Arthur V. Teagarden, '54, completed the supply and parts specialist course at The Trans-

(Continued on next page)

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portation School at Fort Eustis, Virginia, on April 6. Specialist Teagarden was trained to maintain stock records and to identify, issue, store and receipt Transportation Corps supplies, equipment and replacement parts. Teagarden is regularly assigned to the 313th Transportation Battalion's Headquarters Company, an Army Reserve unit which was recalled to active duty and assigned to Fort Eustis.

Captain Arthur C. Weiner, '55, was reassigned to Lockbourne AFB, Ohio, following his graduation from the United States Air Force Squadron Officer School at Maxwell AFB, Alabama, on April 13.

Fredric L. Miller, '61, who was commissioned a second lieutenant in the United States Air Force upon graduation from Officers Training School at Lackland AFB, Texas, has entered the Air Force pilot training course at Reese AFB, Texas.

Mr. and Mrs. W. Wylie Hopkins, Jr., are the parents of a new daughter, Adrienne Chesvey Hopkins, born April 20, 1962. Mr. Hopkins, B.P.A., '42, and LL.B., '57, is married to the former Robin Ann Chesvey. The Hopkins have one other daughter.

MATHEMATICS SERIES

Publication of a major series of volumes on mathematics will begin during the winter under the joint sponsorship of the University of Maryland and RIAS, the Martin Company's basic research institute in Baltimore.

The series, entitled "Contributions to Differential Equations," will be published by Interscience Publishers, a division of John Wiley and Sons, Inc.

The managing editor is Joseph P. LaSalle, of RIAS. Other members of the Managing Board of Editors are Leon W. Cohen, head of the Department of Mathematics, University of Maryland; Monroe H. Martin, director of the Institute for Fluid Dynamics and Applied Mathematics, University of Maryland; and Solomon Lefschetz, director of the RIAS center for Differential Equations and former chairman of the Princeton University Department of Mathematics.

The editors for the series are J. B. Diaz, Alexander Weinstein and Avron Douglis, of the University of Maryland; J. K. Hale, of RIAS; Lawrence Markus, of the University of Minnesota; and Edward Nelson, of Princeton.

The series will be published first in soft-cover journal-form, with each issue approximately 127 pages in length, and then as hard-cover books, each containing four issues, plus indexes. The first bound volume is scheduled for publication near the end of the year; the first of the journals is expected out during the spring. Interscience is now processing papers for the first volume, which may be obtained by subscription.

NAMED TV PRODUCER

Barry Wiseman, '58, formerly a television director with WBAL-TV, is now a TV producer in the Baltimore office of W. B. Doner and Company, Advertising.

While on the College Park campus, Wiseman was S.G.A. Treasurer and active in University Theatre. He lives in Baltimore with his wife, the former Ruth Zemon. They have one child, Jeffrey, one year old.

PROCESSING MANAGER

Richard H. Maurer, '36, is the new Los Angeles district data processing manager for Burroughs Corporation in Los Angeles, California. Prior to his appointment, Maurer was a special management representative at the home office in Detroit, Michigan.

After he was graduated with a B.A. in history and economics at the University, Maurer joined Burroughs as a salesman and has since been an office manager, dealer sales manager, regional sales promotion representative, regional manager and U.S. and international sales promotion representative.

ALUMNI IN ROSTER

University of Maryland alumni Theodore H. Erbe, A & S, '36, of Travelers Insurance Company of Baltimore, and James S. Furst, Mil. Sci., '58, of the John Hancock Mutual Company of Washington, are listed in the 1962 Roster of the Million Dollar Table of the National Association of Life Underwriters. Every member of the 1962 Round Table must have sold at least a million dollars of life insurance in 1961 or else have met strict requirements for Life membership by his sales in prior years.

LANGUAGE LECTURESHIP PROGRAM

The new Foreign Language Building was officially inaugurated last April 26 by President Wilson H. Elkins, who opened the Foreign Language Department lectureship series. Dr. Douglas W. Alden, Head of the Department, introduced Professor Henri Peyre of Yale University, who spoke in English on "Rousseau Today."

Later lectures included one in Spanish on "Cervantes and Poetry" by Professor Eugenio Florit of Barnard College, another in English on "Heinrich von Kleist, the Poet as Prussian," by Professor Sigurd Buekhardt, Ohio State University and one in French by M. Maurice Coindreau, Professor Emeritus of Princeton, who, as the leading translator of contemporary American novels into French, spoke on "The Influence

(Continued on next page)

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of American Literature on Contemporary French Literature." The series, which was well attended, was open to the public.

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AWARDS AND HONORS

Dr. Daniel Prescott, Director Emeritus of the Institute for Child Study and Professor of Education, was recently named a "Partner in 4-H" along with a group of eight men and two women for their contributions to 4-H Club work. This recognition is made annually during the National 4-H Club Conference to public-spirited donors who give generously of themselves to challenge 4-H'ers and leaders to greater achievement.

Dr. Prescott was also selected for a Fulbright scholarship to lecture in Australia during the coming year. He will be at Victoria Training College in Melbourne where his book *The Child in the Educated Process* is being used in the teacher education program. In connection with this scholarship he will participate in a lecture tour to all the Australian states which is being organized by the New Education Fellowship.

Mrs. Helen Garstens, Assistant Professor of Education and Mathematics, has been selected as a member of a team of 15 mathematicians and mathematics educators from the United States to work on mathematics curriculum materials for grades K-12 from the English-speaking school children of Tropical Africa. The team will probably be stationed in Kampala, Uganda, for a period of two months during this summer.

Doctoral degrees were received by Richard L. Matteson, Instructor in the Institute for Child Study, from the University of Maryland and by J. David Lockard, Assistant Professor of Education and Botany, from Pennsylvania State University at the June commencements.

MEETINGS AND PROFESSIONAL CONTRIBUTIONS

The theme of the Seventh Annual Maryland Education Conference sponsored by the College of Education and the University College at the University of Maryland was "Quality Teachers in Quality Education." Dr. Orval L. Ulry, Professor of Education, presided at the meeting; Dr. R. Lee Hornbake, Vice President for Academic Affairs, welcomed the group to the University. The



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following participated in a panel discussion on the theme of the conference: Dr. Vernon E. Anderson, Dean of the College of Education; Miss Mary A. Adams, Assistant Superintendent of Elementary Education in the Baltimore City Schools; Dr. James A. Sensenbaugh, Superintendent of Schools, Frederick County; and Dr. John Walton, Chairman of the Department of Education, Johns Hopkins University.

Dr. Jean Hebel, Assistant Professor of Education and Coordinator of Special Education, is President-Elect of the Division on Teacher Education of the National Council of Exceptional Children. She was also elected as a member of the Program Committee of NCEC to plan the program for the 1963 convention and as a fellow to the American Association on Mental Deficiency.

Dr. Richard Byrne, Professor of Education, was the main speaker of the Guidance Work Shop held by the Public Schools of the District of Columbia, Departments of Guidance and Placement. He presented, "The Scope of the Guidance Program in the Elementary Schools, Junior, Senior, and Vocational High Schools."

Dr. Robert Risinger, Professor of Education, presented "Trends in the Social Studies Programs of Secondary Schools" to a Social Science Workshop in Houston, Texas, sponsored by Texas Southern University and served as consultant to this Workshop. He also served as consultant to a social studies curriculum committee in revising the social studies program in United States History for Caroline County and presented "Careers in Education" at the Howard County High School Career Day. He addressed the fifteenth Annual Motor Fleet Vehicles Supervisor's Conference at the University of Maryland on "Self Improvement for the Supervisor."

Dr. Orval Ulry, Professor of Education and Director of Summer School, presented "Education in the Sixties—New Developments" to the Connecticut Park School PTA at their annual banquet.

Dr. Vernon E. Anderson, Dean of the College of Education, served as a member of the committee to audit the ballots for the Association of Higher Education election which was chaired by James L. McCaskill, Assistant Executive Secretary for Federal Education Relations of the National Education Association.

Dr. Henry Mendeloff, Assistant Professor of Education and Foreign Languages, presented to the Club De Las Americas, "Un Analisis Linguistico de un Texto Medieval Espanol."

PUBLICATIONS

Dr. Gladys S. Wiggin, Professor of Education, is author of the book recent-

(Continued on next page)



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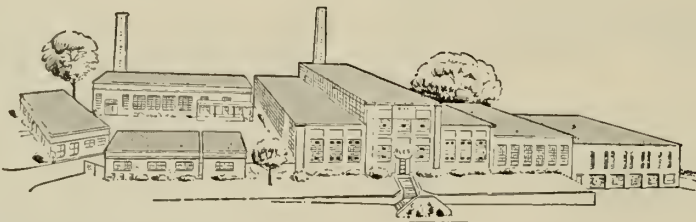
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Education and Nationalism.

Dr. Richard H. Byrne, Professor of
Education, authored the article, "What
School Counseling Is," which appeared
in *Guidance Practices*, published by
Chronicle Guidance Publications, Inc.

Dr. Hugh V. Perkins, Professor of
Education, Institute for Child Study,
authored the article "Nongraded Pro-
grams: What Progress?" which appears
in *Educational Leadership*, December
1961 issue.

ALUMNI NEWS

Margaret C. Zimmerman, '41, has been
named a vice president of Executive Se-
lective Division, John Orr Young & As-
sociates, Inc., New York City. Miss
Zimmerman is believed to be the first
woman executive in the management
consulting field engaged in the selection
of male executives for major industrial
and service corporations.

Robert J. Messersmith, B.S., '55,
member of Phi Delta Theta Fraternity,
has graduated from the United States
Air Force Squadron Officer School in
Maxwell, Alabama, and been reassigned
to the Dover Air Force Base in Dela-
ware.

Robert H. Sehuler, Jr., B.S. '60, of
Elmira, New York, a member of Alpha
Tau Omega Fraternity, following grad-
uation from the advanced tactical fight-
er course at Nellis Air Force Base, Ne-
vada, is being assigned to Cannon Air
Force Base in Nevada. Mr. Sehuler is
married to Gayle Frazier, formerly of
College Park, Maryland.

College of

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J. ALBERT MILLER HONORED

Mr. J. Albert Miller, recipient of one of
the first degrees to be given in electrical
engineering from the old Maryland
Agricultural College, was honored at a
May 9 meeting of the PTA of the
Hyattsville Junior High School upon
his retirement as principal of that
school. Mr. Miller retired at the end of
this past school year after 47 years of
service in education in Maryland.

After Maryland Agricultural College,
Mr. Miller went on to Columbia and
Johns Hopkins Universities and re-
ceived a master's degree in education
from George Washington University.

Mr. Miller has been teaching in the
Maryland School System since receiving
his master's degree. In 1933 he was
made principal of the Hyattsville Senior
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classes in senior mathematics. When the Hyattsville High School became a junior high school in 1951, Mr. Miller stayed on as its principal.

JOHN D. MORRIS WITH THE PENNSYLVANIA RAILROAD

John D. Morris, '26, has been appointed director, special services, of the Pennsylvania Railroad. Previously, he was regional manager of the Chesapeake Region, at Baltimore. As director of special services he will be responsible for continuing research in the general transportation field, including the direction of activities and studies about suburban services of the Pennsylvania Railroad.

At this time he will head up for the Pennsylvania Railroad the coordination of studies with representatives of the New York Central to develop a suggested plan of operation for the proposed new Pennsylvania-New York Central Transportation Company, and to assist in determining the economies that can be produced.

CORCORAN RECEIVES HONORARY DEGREE

Professor George F. Corcoran, head of the Electrical Engineering Department, received the honorary degree of doctor of science from South Dakota State College at commencement exercises in Brookings, South Dakota, on June 4.

Professor Corcoran, a native of Redfield, South Dakota, was graduated from State College in 1923. He earned a master's degree from the University of Minnesota in 1926.

School of LAW

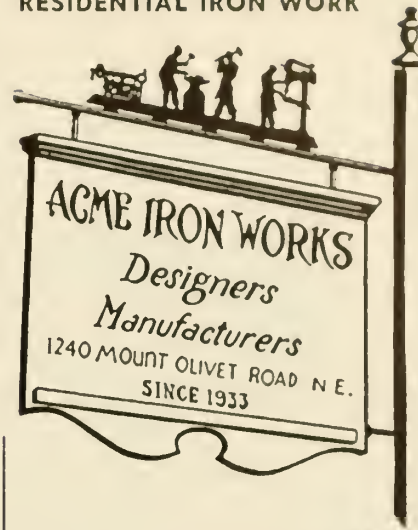
NEW DIRECTOR OF STC

T. Hammond Welsh, Jr., '35, was elected a Director of the Suburban Trust Company at a recent meeting of the Company, it was reported by T. Howard Duckett, Chairman of the Board and Executive Committee, and J. Robert Sherwood, President of the Company.

Mr. Welsh is Vice Chairman of the Board and General Counsel for Hyattsville Building Association; Maryland counsel for Levitt and Sons, Inc.; and is a senior law partner in the firm of Welsh and Lancaster in Hyattsville. He is a member of the bar of the State of Maryland and the District of Columbia and is a member of the American Bar Association, Prince Georges County Bar Association and the District of Columbia Bar Association.

(Continued on next page)

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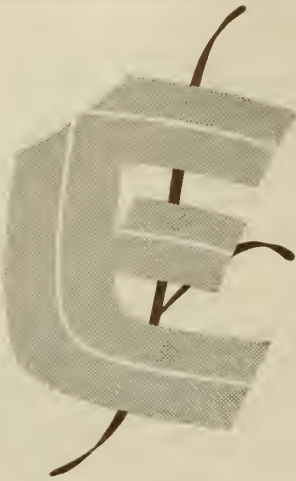
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ALUMNA IN THE CONGO

Mr. and Mrs. Henry Bowers and two children of Baltimore are among four married couples of Phoenix, Arizona, who flew into Leopoldville, Congo, in January to begin a two-year assignment as teachers for the Congo Polytechnic Institute. Their mission is to train semi-educated Congolese ranging in age from 18 to 35 primarily in the modern techniques in agriculture.

Mrs. Bowers, a 1944 graduate of the University Law School, and an earlier graduate in political science, practiced law for four years. An honor graduate, she edited the *Maryland Law Review*, and is a member of Phi Delta Delta, legal fraternity, and is listed in *Who's Who of American Women*.

LECTURE SERIES

"The Lawyer in Public Life" was the title of the first in a series of lectures presented recently to the student body of the University of Maryland School of Law, by Theodore R. McKeldin, '25.

Mr. McKeldin told the students that a young man just entering the Law profession has a choice between public or private service. "Let me say right now that I do not believe that he is under any moral obligation either way," he said. "As for me, I have chosen to spend a great deal of my active career in public service, but I do not pretend to be particularly virtuous on that account. Private practice may be just as honorable and useful. It is a matter of temperament, a question of what a man desires to get out of life.

"Everyone hopes to achieve success through his profession, no matter what profession it may be," he stated. "It is according to what is your measure of success that you ought, or ought not, as a lawyer, to proceed from private practice into public service."

Wealth is one measure of success, he said, and in a capitalistic society, a legitimate one. "If a man can acquire wealth through the practice of law," he said, "he has every legal and moral right to do so on the sole condition that he adhere scrupulously to the ethics of the profession. Social eminence is an equally legitimate aspiration. But if that is what a young lawyer wishes to accomplish in the world, public service is not for him. It is not and can never be economically profitable. Nor does it offer a return in social popularity—rather the reverse." It is inevitable in a democracy such as ours for the man in public life to offend some for whose character he has the highest respect and whose good opinion he values, Mr. McKeldin said. If public life is not the way for a lawyer to gain wealth and not the way to gain universal popularity, intelligent men go into this type of life because to these men, wealth and popularity are only secondary values, he said.

School of MEDICINE

Dr. John Wagner

IMPORTANT RESIDENT PUBLICATIONS FROM THE SCHOOL OF MEDICINE

Doctors Steven Borsanyi and Cyrus L. Blanchard published their account of their researches in the use of computers in auditory investigation. Doctors Harry M. Robinson, Jr., Joan Raskin, and William Duncath have pioneered in the use of a new treatment for certain skin inflammations.

An editorial in the *Bulletin of the School of Medicine*, complemented by a report from the Walter Reed General Hospital in Washington, points to the increasing prevalence of syphilis, outlining certain reasons for the reappearance of the disease, and suggesting methods for increased effective control.

Doctor George Entwisle, Professor of Preventive Medicine and Rehabilitation, has announced the approval of a training program in physical medicine and rehabilitation.

DEAN'S LETTER

Dean Stone has called attention to the relative decrease in the number of qualified applicants to the Medical Schools in the United States citing certain facts possibly influencing the decline in the number of eligible applicants. Doctor Stone concludes with a statement in support of the Harris Bill (H.R. 4999), introduced in the current session of Congress providing for medical scholarships as well as aid to medical education.

School of NURSING

Joan White

MEMBERSHIP IN ALUMNAE ASSOCIATION

Membership in the Nurses Alumnae Association has been extended to all nursing graduates who have received their baccalaureate degree in nursing or a higher degree related to nursing from the University of Maryland School of Nursing. Prior to this invitation, only those graduates receiving their basic nursing education from the University of Maryland were eligible for membership. All nursing graduates are encouraged to contribute their ideas and to become active members of their Alumnae Association.

(Continued on next page)

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Class of 1921:

Mrs. Jessie Rhodes Miller and Miss Ruby Reister have been with the Ashville County Health Department in Ashville, North Carolina for 25 years.

Class of 1932:

Mrs. Julia Thompson Harris plans to do some nursing in Charlotte, North Carolina. Her husband passed away on July 10, 1960.

Class of 1936:

Mrs. Beryl Smith Thomas returned to her home town of Marlinton, West Virginia with her two children in 1958 following the death of her father. Mrs. Thomas is employed as a staff nurse at the local 45-bed hospital, Pocahontas Memorial Hospital.

Class of 1939:

Mrs. James B. Nuttall, formerly Virginia Belle Richardson, and her husband, Colonel Nuttall, have been living in Los Angeles, California, since July, 1961 where Colonel Nuttall is stationed.

Class of 1942:

Mrs. Helen Pauline Cope Ackerson and her husband, Major E. L. Ackerson, are now living in Anchorage, Alaska. Major Ackerson is stationed at Elmendorf A.F.B.

Class of 1949:

Mrs. Gloria Nestor Smith has been living in Fort Lauderdale, Florida and working in "our own drug store" for over six years.

Class of 1952:

Mrs. Ethel Sellers Henderson resigned her position as Head of the Department of Nursing at the Central Missouri State College in Warrensburg, Missouri, in March, 1961. She plans to spend another year at Columbia University, after which, the State of Florida.

Mrs. Shirley Workman Shanahan and her husband, Lt. Commander Tom Shanahan, are now residing on Lynnhaven Inlet near Norfolk, Virginia.

Class of 1953:

Mrs. Dorothea Fenwick Fraleigh had been doing office and some school nursing until her "retirement" with her four children, Dorothea Lillie, born on April 14, 1961, Peter, seven, Donna, five, and James, three.

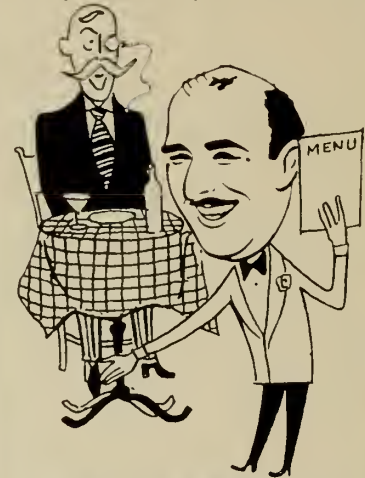
Class of 1955:

Mrs. Claudette Kantz Craig is now living in San Diego, California, where her husband is stationed at the NAS Miramar flying Jet Aircraft. In their three years of marriage, they have lived in Florida, Texas, Tennessee, and Northern California.

Class of 1960:

Mrs. L. Gwendolyn Taylor Rodney is employed by the Wayne County Health Department in Goldsboro, North Carolina.

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Class of 1961:

Mrs. Georgia Masser Boyce is employed as a staff nurse in pediatrics at the Frederick Memorial Hospital in Frederick, Maryland.

Mrs. Helen Gates Dearborn was employed in the Veterans Administration Hospital in Providence, Rhode Island, from July 10 to November 10, 1961 while her husband attended Officer Candidate School in Newport, Rhode Island.

Miss Patricia Lee Ashburn is employed as a public health nurse by the Baltimore City Health Department.

Mrs. Eila Filbey Hogans is employed by Union Memorial Hospital in Baltimore, Maryland.

Mrs. Mary Ahalt Barker is employed by the Prince George's County Health Department.

School of

PHARMACY

Dr. Norman J. Doorenbos

Dr. B. Olive Cole

ANNUAL BANQUET AND DANCE

The Thirty-Seventh Annual Banquet and Dance of the School of Pharmacy of the University of Maryland was held in the Student Union of the professional schools of the University on June 7.

Three hundred and eighty persons attended, including the graduates of 1962, and their ladies or escorts, who were guests of the Alumni Association. In addition, many parents and members of the families of the graduates attended—some seventy in number.

The invocation and benediction were pronounced by the Reverend H. Kearney Jones, Pastor, St. James Episcopal Church, Baltimore.

President James P. Cragg, Jr., welcomed the graduates, parents, members of the faculty, alumni, guests and friends, and introduced Mr. David L. Brigham, Director of Alumni Relations of the University of Maryland.

Mr. Brigham, who has been active at the University of Maryland in alumni affairs for many years, introduced the guests, mentioning characteristics and anecdotes concerning many of them as they were presented.

Dr. R. Lee Hornbake, Vice-President for Academic Affairs, brought greetings from the University of Maryland and Dr. George F. Archambault, President of the American Pharmaceutical Association, and principal speaker at the Convocation preceding the banquet, brought greetings from the American Pharmaceutical Association.

Dr. Charles W. Bliven of Washington greeted the group in the name of

(Continued on next page)



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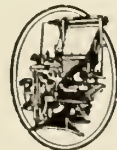
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the American Association of Colleges of Pharmacy. He is the Executive Secretary of that Association.

Dr. Noel E. Foss, Dean of the School of Pharmacy, who received the Ph.D. degree from the University of Maryland through the School of Pharmacy, was presented by Mr. Francis S. Balassone, who enumerated the many activities and accomplishments of Dr. Foss and presented him with a medal, citing him as the Honored Alumnus for 1962.

Dr. John F. Wannenwetsch gave appropriate statements of the ability and worth of Mr. Simon Solomon as a pharmacist and alumnus, and also expressed his appreciation of Mr. Solomon as a long-time personal friend, after which he introduced him as the recipient of the Honorary President's Award.

In turn, Mr. Solomon addressed the candidates for graduation, stressing in particular the opportunities they had enjoyed as students, and their obligations and responsibilities as pharmacists and members of the Alumni Association.

Dean Foss presented the members of the graduating class and mentioned honors and prizes many of them had received from the School of Pharmacy. The President of the class of 1962—Sydney H. Hamet—responded in terms of pleasure and appreciation.

Special certificates denoting graduation fifty years ago from the School of Pharmacy were presented to the following by President Cragg: Mrs. Carrie Mossop Phillips, Robert R. Pierce, Frederick Minder, Lloyd N. Richardson, John A. Strevig and Daniel A. Warren.

Certificates will also be sent to others who graduated in 1912 but were unable to attend.

Reunions and members of other classes were recognized, especially a graduate of 1912, Benjamin Klein, and William J. Lowry, a graduate of the Maryland College of Pharmacy in 1896.

The officers for 1962-63 were installed, with Samuel A. Goldstein as President and Miss Georgianna Simmons Gittinger as Honorary President.

Mr. James P. Cragg, Jr., was presented with the Past President's Award—a plaque—by President Goldstein.

The beautiful flowers decorating the tables were by Hahn & Hahn in memory of Doctors Charles C. Neal, E. Frank Kelly and Andrew G. DuMez.

Cigars were donated by Shafer Pfaff and ice cream by Hendler.

Music for the dinner and dance was furnished by Herman Bloom and his orchestra.

The many expressions of commendation and praise by those in attendance give heart and purpose to the officers and committees for 1962-63 to plan and work for the routine and happy affairs of the Alumni Association.

ALUMNI MEETING

The annual meeting of the Alumni Association of the School of Pharmacy of the University of Maryland was held at 8 p.m. on May 12 in the Student Union Building on Lombard Street.

President James P. Cragg, Jr., welcomed members and friends and gave a short resumé of the activities of the year, expressing appreciation at having served, as President, with cooperative committees which successfully planned and executed the many affairs of the year. He particularly mentioned the ALUMNI BULLETIN of the Association which has been published four times since January, 1961, by Milton A. Friedman and Nathan I. Gruz editors.

Dean Noel E. Foss expressed the appreciation of the School for the continued support of the Association in providing \$400 annually to secure a like amount from the American Foundation for Pharmaceutical Education for tuition for undergraduate students, and also mentioned grants which had been received for research.

Executive Secretary Frank J. Slama read communications from members and organizations.

H. Nelson Warfield gave the annual report of the treasurer, which showed a healthy increase in finances, including money from the Souvenir Program of the party held on February 22 and contributions for the Scholarship Fund. The treasurer's report was audited by Mrs. Frank M. Budacz, Frank L. Black and John F. Wannenwetsch.

The following reports were received from the Chairmen of Standing Committees: Executive Committee, Irving I. Cohen; General Chairman, Samuel A. Goldstein; Souvenir Program Committee, Harold Levin; Ticket Committee, Milton J. Brownstein; Public Relations Committee, Nathan I. Gruz; Entertainment Committee, Ernest Snellinger; Place and Arrangement Committee, Samuel A. Goldstein; Publications Committee, B. Olive Cole; Deceased Members Committee, Francis S. Balassone; Careers in Pharmacy Committee, H. Nelson Warfield; Student Aid and Scholarship Committee, Samuel I. Raichlen; Membership and Dues Committee, Thomas Dawson; Kelly Memorial Committee, Simon Solomon.

The Committee on Honored Alumnus, John F. Wannenwetsch, Chairman, reported that Dean Noel E. Foss had been chosen as the Honored Alumnus for 1962.

Chairman Irvin I. Cohen of the Nominating Committee reported the following as the selection of officers for 1962-63: Honorary President, Miss Georgianna S. Gittinger; President, Samuel A. Goldstein (1930); 1st Vice President, Milton A. Friedman (1934); 2nd Vice President, Robert J. Kokoski (1952);

Executive Secretary, Frank J. Slama (1924); Treasurer, H. Nelson Warfield (1924).

Executive Committee members are: James P. Cragg, Jr. (1943), Milton J. Brownstein (1934), Thomas C. Dawson (1955), Nathan I. Gruz (1939), Casimer T. Ichniowski (1929), Harold Levin (1943), Vito Tinelli, Jr. (1961), and Ex-Officio, Noel E. Foss, B. Olive Cole.

The members of the graduating class were elected as new additions to the Alumni Association and will receive membership cards as place cards at the annual banquet of the Association.

Elected as Associate Members of the Association were Edwin N. Kabernagel, Albert V. Ohlendorf and Robert E. Theiss.

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Alumnus Experiments with Classroom Size

A UNIVERSITY OF MARYLAND ALUMNUS HAS CONDUCTED some interesting experiments dealing with classroom size.

As part of his work for his doctorate, Lloyd K. Hoover, M. Ed. 1955, now serving as Principal of the Greenbelt Junior High School, was one of a group of 22 graduate students in the University of Maryland course in School Plant Planning which was offered at both the College Park and Baltimore campuses during the Fall semester of 1961-62. The classes were composed of assistant superintendents of schools, principals, vice-principals, and teachers who are increasing their competency in school administration.

In the school plant course concern was aroused about the apparent lack of evidence as to the proper area for classrooms. As educators, all knew that too little area per pupil handicaps instruction. The question raised was whether an area greater than needed might likewise handicap instruction. Therefore each member of the class carried on a project to discover what area-per-pupil is adequate to permit varied kinds of learning experiences to take place in the classroom. Lloyd Hoover experimented with a moveable partition and variations in classroom furniture arrangements as shown in the accompanying illustrations.

Lloyd found, as reported in the *Washington (D. C.) Evening Star*, that instruction is handicapped by excessive classroom area in a number of ways, such as discipline, group solidarity, communications, and individual effort by both pupils and teachers. His findings were supported by those of the projects carried on by the other members of the class. It was generally found that a suitable area for a general type classroom was in the range of 17 to 22 square feet per pupil rather than the 30 to 40 square feet per pupil generally advocated.

The project suggested that teaching and learning experiences may be handicapped by excess area. This alone is sufficient reason to explore the question thoroughly and to take the necessary corrective measures in the planning of school buildings. However, in addition, every square foot of excess area costs money initially and entails debt service, operating, and maintenance costs for many years or the life of the building. This means that local and state wealth is unnecessarily tied up in school plant, is unproductive of improved learning, and is no longer available for either the improvement of instruction or for any other community or personal purpose. Money so committed is withdrawn from the economy in such a way that it not only serves no productive purpose but also it cannot even be put to work to increase the wealth and potential of the country.

The projects in which Hoover and the others who did similar work were engaged have implications that are both educationally and economically important to all of the people. It is gratifying to find our alumni exploring such an important issue and to know that the University of Maryland makes possible such exploration.

WASHINGTON STAR PHOTOS BY TOM HOY.



The experiment began with seats in double rows and students have a comfortable 24 square feet each. The experiment's moveable wall is at the rear, ready to be moved up one foot a week.



The wall has moved forward to reduce the room size to 19½ square feet per student. Seats are in a double horseshoe.



The classroom space experiment ends with 16½ square feet per student with all seats facing a side wall. Principal Hoover checks with the teacher, Mrs. Lynn Bigler.

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The University of Maryland is dedicated to all of the citizens of Maryland in the fields of research, teaching and service.

The Alumni Association is organized to promote the interests of the University of Maryland and to assist in furthering the mutually-beneficial relations between the University, its Alumni and the People of the State.

The Individual Alumnus is one who knows both the University and the Association. He has the major concern for the future of both for, through his interest, he can guarantee maximum opportunity, brilliant achievement and a preservation of the foundation upon which one of our country's largest institutions is based.

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Volume XXXIV Number Five • September-October 1962

- DR. MARY SHORB
AND THE DEVELOPMENT OF VITAMIN B₁₂
- A CHALLENGE FOR JOHNNY
- NEW ALUMNI OFFICERS ARE ELECTED

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Alumni Publication of the University of Maryland

Volume XXXIV

Number 5

Maryland magazine



THE COVER: The University became a lively and useful place last month when a record number of students registered for the Fall Semester. During the period September 17 through September 21, some 15,474 students were processed through the registration procedure at College Park. On the Baltimore campus, 1,635 students were enrolled for day-time attendance in the professional schools. The College Park registrations represented a 9.9 percent increase over the Fall Semester registration of last year.

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Dr. Mary Shorb

and the

Development of the Vitamin B₁₂

DR. MARY SHORB, RESEARCH PROFESSOR IN THE Department of Poultry Husbandry Nutrition, played an important role in the development of Vitamin B₁₂, a red crystal substance that today is saving the lives of victims of pernicious anemia.

The story of Vitamin B₁₂ began in 1926, when scientists Minot and Murphy of Harvard discovered that pernicious anemia patients could be removed from the "fatal" list by eating one-half pound of liver per day. Up until then, 6,000 Americans had died annually from the disease.

Effects of this dreaded disease include loss of weight, weakness, and, finally, injury to the central nervous system. If a victim is not treated in two or three years, he will die. This type of anemia is characterized by a reduced number of red blood cells containing an abnormally high amount of hemoglobin. It was originally believed that this abnormality was due to the destroying of red blood cells, rather than a defect in the cell structure, as was later discovered.

Various scientists discovered that pernicious anemia is a result of a vitamin deficiency, and, in a clinical treatment of the disease, it was discovered that an active anti-pernicious anemia substance is found in liver.

From 1926 to 1946, scientists everywhere were concerning themselves with isolating this ingredient, and, in 1938, Dr. Karl Folkers of the Merck, Sharp & Dohme Research Laboratories in Rahway, New Jersey, took up the search. By that time, enough progress had been made so that patients did not have to eat liver, but instead could take injections of a crude liver extract. But these treatments were expensive and since many people could not keep up with them, deaths continued to take place.

In his research to find the anti-pernicious anemia substance, Dr. Folkers encountered several stumbling blocks. First, the best liver extracts contained a mixture of ingredients, most of them unknown and hard to separate from one another.

Second, animals could not be made to contract pernicious anemia, so new substances could not be readily tried out.

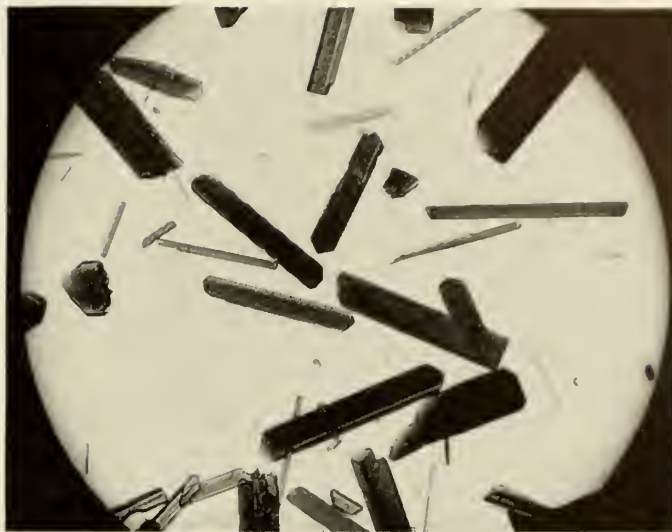


Dr. Folkers discovered that by testing a series of hypotheses, he could eliminate most of the compounds in the liver extracts. He solved the problem of separating out the ingredients he wanted to test by using the technique of chromatography, which is the filtration of substances through glass columns filled with an adsorbing agent.

For awhile, he made rapid progress, but soon he was halted by the difficulty of having to wait for an untreated patient each time he had a new substance to test.

It was at this point, in 1946, when Dr. Folkers was wrestling with the problem of finding patients when he needed them, that, quite by accident, Dr. Shorb of the University entered into the picture. Previously, a legal contract had been drawn up by Dr. George Briggs of the University's Department of Poultry Husbandry in an unsuccessful attempt to obtain funds for Dr. Shorb, who was

*Microscopic photograph
showing crystals of
the Vitamin B₁₂*



studying the nutrition of a bacterium. Dr. Briggs had given Dr. Shorb free laboratory space and she was working without pay. Dr. Briggs had shown the contract to Dr. Folkers as an example of the terms under which the University would accept support for research.

What interested Dr. Folkers was not the terms of the contract but the fact that, in her studies, Dr. Shorb had discovered that liver extracts, useful in treating pernicious anemia, also promoted the growth of her bacteria. Here was the solution to Dr. Folkers' problem. Dr. Shorb's work with bacteria might help him test new liver fractions quickly without having to wait for human patients. Within 48 hours, Dr. Shorb had received the first shipment of liver fractions to test, and full support for her work.

Dr. Shorb's testings and findings culminated the search by the Merck Laboratories for a substitute that would be more plentiful and less expensive than liver, and, after several months of extensive research, a pure red crystal substance was isolated.

It took two months for New York hospitals to locate an untreated case of pernicious anemia for a conclusive test of whether the red crystals were the substance in liver that would control the disease.

Finally, a 66-year-old woman was found in King's County Hospital in Brooklyn in early February, 1948. Two months before she was admitted, she began to notice weakness and fatigue, which became progressively worse, and a month before admission, her appetite became poor. She also began to suffer from swollen ankles and shortness of breath. Her skin had a pale, lemonish cast and her hemoglobin and red blood cell count were critically low.

The patient remained in bed for several days and was given nothing that would confuse the results of the test of Vitamin B₁₂, such as vitamins or liver extracts. On February 21, 1948, she was given Vitamin B₁₂. The correct dosage was not yet known, so a single injection of 150 micrograms was administered.

In five days, there was a great increase in the manufacture of red blood cells in the patient. At the end of six weeks, her red blood cell count was up to normal and her

strength and appetite were restored, as well as her feeling of well being.

Since then, more than 2,500 papers on Vitamin B₁₂ have been published in scientific journals all over the world. Also important, Vitamin B₁₂ was found to be the long-sought-for growth factor found in animal protein. This discovery was of great importance to farmers. Formerly, they had to add an expensive source of animal protein to their feed to speed the growth of poultry and livestock. Now they could get the same results at much less cost by enriching their vegetable protein feed with Vitamin B₁₂.

Dr. Shorb came to the University in 1949. Previously, she was an immunologist for the Abel Fund Research on the Common Cold at Johns Hopkins University from 1929 to 1932; a bacteriologist for the Bureau of Home Economics and Human Nutrition from 1942 to 1944; a bacteriologist for the Division of Nutrition and Physiology at the Bureau of Dairy Industry, U. S. Department of Agriculture, in Beltsville from 1944 to 1946; and microbiologist and Merck Post-Doctorate Fellow in Poultry Husbandry Nutrition at the University of Maryland from 1946 to 1949.

Dr. Shorb was recipient of the Hematology Research Foundation award in 1948; co-recipient of the Mead Johnson award for research on Vitamin B complex in 1949; outstanding woman of Maryland at Hood College in 1951; Alpha Xi Delta Fellow in 1933; Fellow of the New York Academy of Science; and is a member of the Washington Academy of Sciences, the Society of General Microbiology, the American Society of Microbiologists, the Society of Experimental Biology and Medicine, the Protozoology Society, the American Association of University Women, Sigma Xi and Delta Omega.

Dr. Shorb's publications include over 30 papers and abstracts on research projects.

PHOTOS BY AL DANEGGER



A Challenge for Johnny

TWELVE-YEAR-OLD JOHNNY HESITATED A MOMENT at the edge of the pool, then dived in and swam to the other side. Though totally blind, Johnny's small amount of light perception helped him determine his direction. The photographs accompanying this article record Johnny's challenge.

Johnny and his three companions, Jeannette, Diane and Cynthia, ranging in age from 7 to 12, and all blind, participated in the Summer Session of the Children's Physical Developmental Clinic of the College of Physical Education, Recreation and Health. The Clinic, which is sponsored by the College Park Lions Club, is under the direction of Professor Warren R. Johnson of the University's College of Physical Education. Wesley A. Stickney, Physical Education Instructor at the University, volunteered to teach the children. He was assisted by Mr. Gale Brown, teacher of Special Education of Prince Georges County at Hyattsville Elementary School.

The four children in this particular phase of the aquatic program were selected from the Prince Georges Special Education "Vision Program." All are better than average students in the Hyattsville Elementary School.

When it came time to swim, these youngsters had many of the typical reactions of all children. Some had an easier time ducking, some could release themselves to the water and "jelly-fish" float easier than others, and others could hold their breath longer under water. At first, there did seem to be more tension involved in holding their heads under water. This may have come through the "uniqueness of audial sight" as their life-line. The self-discipline in a task that was unpleasant and fear-loaded was very evident in these children. They seemed to have learned to go beyond themselves to achieve in the skill of swimming. To finally orientate themselves to the kick, the exhaling under water, the position of the body in flotation, and other general body mechanics, these youngsters had to use "tactile sight" as they "viewed" the skills of the instructor with their sensitive fingers.

In spite of fears and some seemingly insurmountable problems, the students made great progress in their swimming lessons, and gained an increase in self-confidence. "My, how I like the feeling of that *pretty-blue* water," was a parting statement by one of the novice swimmers.



New Alumni Officers are Elected

MR. HASSLINGER



DR. STONE



MRS. CHAPMAN



HARRY E. HASSLINGER OF COLLEGE PARK HAS BEEN elected president of the University of Maryland Alumni Association for the year 1962-63. He succeeds Dr. Reginald V. Truitt of Stevensville (Md.).

Selected to serve with him were two vice-presidents, Dr. Edward D. Stone, Jr., of Baltimore and Mrs. Erna Riedel Chapman of Gambrills (Md.).

A native of Baltimore, Mr. Hasslinger graduated from the University of Maryland College of Education in 1933. After his graduation, he entered the business field and then, in 1936, became a member of the faculty at McDonogh School in McDonogh (Md.).

In 1940, Mr. Hasslinger entered on active duty as a Reserve Officer with the Army. He served in the United States and Europe, and during the closing months of World War II was Deputy Chief of Staff with XIII Corps. He is a Colonel in the United States Army Reserve and commands the first Reserve Corps Headquarters, activated by the Army in October, 1959.

When he left active duty in 1945, Mr. Hasslinger became associated with the Veterans Administration in Washington, D. C., where he is presently the Assistant Area Field Director of the VA's Department of Veterans Benefits.

Throughout his life he has been very active in civic affairs, including extensive Methodist Church work, the Boy Scouts, the PTA, and numerous other organizations. He has served as PTA President for the College Park Elementary School, member of Prince George's County PTA Council, delegate to Maryland State educational conferences, City Councilman of College Park, and, in 1961, was named Outstanding Citizen of College Park.

Mr. Hasslinger's interest in the educational field has been well served by his active association with the Uni-

versity of Maryland since his graduation. He has been a member of the University Alumni Council for a number of years, was Vice Chairman in 1947-48 of the University of Maryland (College Park) Alumni Association, organized and served as the first President of the College of Education Alumni Chapter at the University, and was a Vice President of the University of Maryland Alumni Association. He was also a member of the Governor of Maryland's Commission to Study Expansion of the University of Maryland, and is co-author of the pamphlet, "Crisis in Education."

He is married to the former Charlotte Farnham of Washington, D. C., who is also a graduate of the University of Maryland. The Hasslingers have two children. Their daughter, Carol Anne, is a freshman at the University of Maryland, and their son, Mark, is a cadet at the McDonogh School.

DR. EDWARD STONE, JR., '25, IS A GRADUATE OF WESTERN Maryland College and the University of Maryland Dental School. He lived most of his early life in Delaware, the Eastern Shore of Maryland, and the District of Columbia.

Dr. Stone has maintained a private practice since his graduation from the University. In addition, he is presently the Dental Surgeon for the Home Office of the Maryland Casualty Company, and dental consultant to the Baltimore City Health Department. He has served as President of Baltimore City Dental Society, President of the Maryland State Dental Association, and delegate for three terms to the American Dental Association. He is also a member of Psi Omega, national dental fraternity, and Omicron Kappa Upsilon, national honor fraternity.

Continued on next page



Mr. Jarvis (center with hand on pipe) in conference in Caracas.

HARRY A. JARVIS, ENGR. '30, IS CURRENTLY THE President of Creole Petroleum Corporation, a subsidiary of the Standard Oil Company of New Jersey. Engaged in his fourth decade of service to the oil industry, Mr. Jarvis' career is one of unique interest.

After his graduation from the University of Maryland, he became a student engineer at the Bayway refinery of the Esso affiliate in New Jersey. The following year he was transferred to Argentina, at which time he began his long relationship with Latin America which has continued to the present.

In 1947, Mr. Jarvis left Argentina to become the manager of the Amuay refinery in Venezuela. In this position he was largely responsible for the development of one of the major refineries in the western hemisphere. From Amuay, Mr. Jarvis transferred to Caracas, the capital city of Venezuela, where he became manager of Creole's refining department. In 1952 he was elected to the Board, in 1954 was named Vice-president, and in February of 1961 he became the President.

Throughout Mr. Jarvis' career, he has been, simultaneously, a director of private enterprise and an emissary of Venezuelan economic welfare. His is a position of liaison for the furthering of the oil industry in Latin America, the development of numerous natural resources in Venezuela, and the coordinating of the consequent production to the advantage of private and public interests in the Americas.

A Dynamic Force for Economic Development in Latin America

To this end Mr. Jarvis has established the Creole Investment Corporation, with capital currently being invested in such enterprises as a firm to make use of yucca plants in the manufacture of starch and glucose, the production of fiberboard from bagasse, and a fish-meal plant. Numerous other diversified projects are under review at present and plans are being laid for future development of much of the natural wealth of Venezuela.

Throughout his career in the oil industry and particularly in his association with Creole, Mr. Jarvis has made a noteworthy contribution to the furtherance of American enterprise and United States relations with Latin America, the economic growth of Venezuela, and the development of industrial independence and leadership in Latin America.

New Alumni Officers are Elected

Among his most widely recognized accomplishments is Dr. Stone's success in introducing fluoridation of the public water supply in the City of Baltimore.

MRS. ERNA RIEDEL CHAPMAN, H.E., '34, IS CURRENTLY the Supervising Director of Home Economics for the District of Columbia Public Schools and is also the State Director of Home Economics for the District.

Mrs. Chapman's career in Home Economics has been recognized as outstanding by the many associations with which she has been affiliated. While a student at the University of Maryland, she was elected to the freshman honorary, Alpha Lambda Delta, the Omicron Nu Home

Economics honorary and Phi Kappa Phi, honorary scholastic fraternity. She graduated from the University with first honors in the College of Education and was offered a graduate assistantship, which enabled her to begin work on her master's degree.

After completing her degree and her fellowship, Mrs. Chapman joined the faculty of Jefferson Junior High School in Washington, D. C., and then became a teacher at Roosevelt High School in Washington, where, in 1956, she was appointed Principal and Dean of Girls. It was during her tenure at Roosevelt High School that she developed the concept of a rotation method of teaching home economics. In May of 1962, she received the annual University of Maryland Home Economics award for her outstanding contributions to the field of Home Economics.

Maryland Books and Authors

by Mrs. Harold Hayes,
Head, Maryland Room, McKeldin Library

MUSIC: A DESIGN FOR LISTENING by Homer Ulrich. 2d. ed. New York: Harcourt Brace. 1962. \$6.50.

PROFESSOR ULRICH, WHO HAS BEEN Head of the Music Department at the University of Maryland since 1953, has recently had published the second edition of his widely used and highly praised book, *Music: a Design for Listening* (New York: Harcourt, Brace & World, 1962).

His qualifications for producing such a work are of the highest, for Professor Ulrich is the rare combination of performing musician (bassoonist with the Chicago Symphony and the San Antonio Symphony for a number of seasons), scholar, teacher, administrator, and author. While these talents are not each mutually exclusive, the word "and" suggests an aggregate and therefore a somewhat inaccurate appraisal. For excellence in each has enhanced the others. In spite of these high qualifications in music—or perhaps because of them—the main fruit of Professor Ulrich's mission as an author has not been to produce exhaustive scholarly treatises on any particular phase of music for an audience of his peers only (although he is well equipped to do so, and has indeed done so¹); but to write a number of books designed to encourage all people to explore music and derive thereby the joy that only music can give.

Professor Ulrich's thorough technical knowledge of music, immense enthusiasm for his subject, and his

ardent desire to communicate both to other people render him a most excellent author for such work.

Concerning the book itself—who it is for, and why it is for him—no better statement could be made than the one given by the author in his introduction:

"The book is for any listener who wishes to derive lasting benefit from his musical experiences. Its purpose, quite simply, is to guide him in his search for musical enjoyment and understanding. . . . A listener exposed to a large and varied body of music can profit by knowledge of the elements common to it all, as well as of the elements that differentiate one composition from another. It is only then that he becomes conscious of what he is hearing; and consciousness is the beginning of musical enjoyment."

Usually books of this type do no more than recommend listening to a certain amount of selected music, arranged from the most familiar to the least, and these recommendations are most likely accompanied with superficial biographical data about the composers, etc. However, the unique feature of Professor Ulrich's book is that he introduces the reader and potential listener to the basic vocabulary and syntax of music at the outset. Such an approach prepares the reader, even if he has had no previous musical training (for this text has been successfully used in colleges for non-music as well as music majors and minors), for intelligent and fruitful participation in music. Professor

Ulrich tells us, "the listener is an essential part of the musical process . . . the composer and the listener are the terminals between which the music flows."

The reader, having found—perhaps to his amazement—that he has grasped the knowledge of the basic elements and forms of music, now moves quite easily into the second portion of the book, the "History and Literature" of music. This part treats the evolution of musical styles through selected compositions of major composers. These works are presented in chronological order so that important historical relationships may be known and understood.

The reader, by knowledge of the basic technical information and training of his listening by such intelligence, and by possession of the perspective given to him by historical and stylistic knowledge, is equipped better than most to reap one of the real joys of life—music.

The book has been published with a revised "student manual," *Designed for Listening*, which was co-authored by Dr. Bryce Jordan of the University of Maryland Music faculty. This manual provides opportunities for self-testing and practice in analytical procedures. Included with the manual is a set of four long-playing records upon which many of the listening assignments are based.

¹ e.g. *The Penitential Psalms of Lasso*. Univ. of Chicago, 1939.

REVIEWED BY FREDERIC A. HEUTTE, *Fine Arts Librarian, McKeldin Library, University of Maryland.*

Beginning with the November-December issue, personal news items concerning alumni will be reported by year of graduation in a Classnotes Section. The School and College Columns will be discontinued. All 45,000 Maryland Alumni have received survey forms in the mail. These will be used as the nucleus for the organization of the new Classnotes¹ Section and should be returned completed to the Director of Alumni Relations, University of Maryland at College Park. Thank you for your cooperation.

Inside Maryland Sports *by Neil La Bar Director of Md. Sports Information*

FOR UNIVERSITY OF MARYLAND FOOTBALL, PROGRESS is their most important product, and since Head Football Coach Tom Nugent has been on the Terrapin scene, the Terps have progressed.

From a 5-5 season in 1959 to 6-4 in '60 and 7-3 last year the Terrapins have been on the rise. There is reason to believe the steady climb will continue this season under colorful Tom Nugent.

At the date of this writing, we have won our first four games: 7-0, SMU; 13-2, Wake Forest; 14-6, North Carolina State; and 31-13, North Carolina. The fifth was lost by a whisker to Miami (Fla.) 24-28.

Shiner is more than living up to pre-season hopes of Coach Nugent and Tom Brown is having a great year. In fact, it looks like a great year for Maryland. Let's take a look at what we have.



Nineteen lettermen return to the '62 Terrapin squad, with the best sophomore group in Coach Nugent's tenure at Maryland. Last year's freshman team was unbeaten and veteran Terrapin observers think the youngsters will fill in the spots.

The Terps are going to the three-team system this season for the first time. Coach Nugent and his staff toyed with the idea a couple of years back but felt as though the thinness of the ranks prevented the use of such a system. That fact in itself may be the tipoff on the strength of the '62 Maryland squad.

The "M-Squad" will be the first unit or two-way squad (offense and defense). The "Gangbusters" will be the defensive unit and the "Hustlers" will be the offensive unit.

At quarterback the Terrapins only have one letterman back but he should fill the bill more than adequately at that vital position. His name is Dick Shiner, a junior from Lebanon, Pennsylvania. Shiner has all the makings of Maryland's best quarterback of all time.

Shiner has the command and poise of a senior, plus he is a strong, hard runner and to top it all, he is a passer deluxe. The 6-0, 195-pound junior tied an ACC record last year by tossing three touchdown passes in the Penn State game.

Backing Shiner at the signal-calling post are three promising sophomores, Jim Corcoran, Mike Funk and Bruce Springer. Don White, carrying the best grade average (3.67) on the squad, is a punting specialist.

Tom Brown, probably the finest all-around athlete on the Terp roster, leads the halfback corps. The 185-pound senior broke the ACC record for interceptions (eight) last year, intercepting three against the Air Force, to tie another ACC mark. Brown has uncanny ability in returning punts and kickoffs. The Silver Spring boy averaged 24.5 yards in punt returns last year for a new Terrapin record. Tommy is a fine receiver as evidenced by his 11 receptions last season for 232 yards.

Other halfback lettermen to watch are Ernie Arizzi, Murnis Banner, Dan Piper and Kenny Smith. Senior John Hannigan is a place-kicking specialist who kicked 17 extra points last season in 17 attempts. The Oaklyn, New Jersey, youngster only missed one field goal in six tries.

At fullback the Terrapins have two lettermen. Bob Burton and Joe Hrezo provide the experience needed at fullback. Neither Burton or Hrezo have great size but they have the running ability to keep the defense "honest" up the middle. Backing up the veterans is a bright prospect with size. Jerry Fishman, 6-1, 220 pounds, the top runner on last year's freshman team, could work into a starting role. The hard-running sophomore gained 593 yards last season for the freshman team, while scoring six touchdowns. Three of the six TD's came against George Washington, on runs of 34, 54 and 69 yards.

The Terps only have one letterman at center but the vital position is not figured to be a trouble spot. Gene Feher, a 200-pound junior, is a smart defensive signal caller who has the ability to jar the ball loose from opposing runners. Bolstering the center are Ed Gilmore and Ron Lewis. Gilmore is a fine offensive blocker and will probably specialize with the "Hustlers" (offensive unit). Lewis is a sophomore who has good lateral movement. Ron is young but looks like a top prospect.

The Terrapin end corps could be the weakest spot on the team with the loss of All-American Gary Collins, Dick Barlund and Hank Poniatowski. However, lettermen Harry Butsko, Joe Mona and Tom Rac should give the flankmen experience enough to blend with a good-looking young prospect, Jerry Osler. Butsko is big (210) and strong and moves well. Mona was injured in the Spring but should be ready in the Fall for extensive duty. Rac has good hands plus good size (215) and could be the top Terrapin end.

The Terp tackle slot could be another trouble spot with only two lettermen returning. The youngsters will have to come through to bolster such top performers as Dave Crossan and Roger Shoals. Crossan (215) and Shoals (240) are top pro prospects and are among the top college linemen in the country. Crossan is exceptionally aggressive, agile, strong and has good speed. Dave is one of the hardest workers on the squad. Shoals has the size (240), good lateral movement and is a good blocker and tackler. He has the ability to become a top pro lineman. Probably the best youngster in the group is Mike Fornili (6-4, 255). The Washington, D. C., Sophomore could develop into one of the best all-time Maryland tackles.

The guard position appears to be the strongest line spot. Four lettermen return at guard: Chet Detko (215), Joe Ferrante (200), Gary Jankowski (190) and Walter Rock (225). Olaf Drozdov (210) seems to be the sophomore with the best chance of cracking the veteran lineup. Detko is strong and one of the top Terp linemen. Ferrante seems to diagnose plays well and is aggressive. Jankowski is a hard-nose ballplayer who has good speed. Rock is a fine pro prospect and is a smart, heady-type player. Drozdov came into his own this spring and could move one of the veterans out.

Whether the Terrapins progress to an 8-2 or better season of course depends on many factors. One thing for sure, it will be an interesting challenge.

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Baltimore—John L. Lampe, A&S, '50
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THE ALUMNI DIARY

HE WAS AN ALUMNUS, THIS MAN WHO BROUGHT HIS YOUNGSTER TO THE campus to register as a freshman. It had been a number of years since he had left these grounds and there was as much wonderment in his eyes as in those of the son who had at least a four-year experience ahead of him. One enjoys this double reaction as two generations try to find their way through the routine that is registration for thousands and the maze of quite similar structures making up one of the country's most attractive campuses.

The two were lost in what must have been memory for the one and anticipation for the other. Then came the message as the alumnus spoke to himself, "It's Georgian all the way. Even the new buildings have blended in so rapidly you can hardly tell where the old buildings stop and the new begin." Then as an afterthought, "Son, you are taking up where I left off and after a little of the newness rubs off others will see about the same thing in both of us."

So it is. . . . The campus grows, it progresses and it keeps pace with the times. The building program is constant and impressive. New research projects mean new discoveries and new knowledge. New minds are cultivated and add to the prestige of a University that somehow retains an identity recognized by the oldest who returns to seize once again the memory of an awestruck youth setting his foot on the University campus for the first time.

How can anyone know the inner potential of those who take this first step. Will this hopeful young dreamer become a doctor, lawyer, businessman, scientist or farmer? Is he destined to be a leader or a follower? Will he achieve or fail? Will he become a sophomore? Will he go on to graduation (for sixty percent do not)? There is an old African proverb, "Any fool can count the number of apples on a tree. How many can count the number of trees in an apple."

Yes, this was one green apple on the tree of opportunity. He, like all the rest, was getting a start. He might grow to be the most perfect and most desired. He might develop a blemish or even wither and drop before the harvest. He might turn sour or reach strongly for all the rich nourishment available to him. These must have been the thoughts of a hopeful parent as he saw his young man face the campus for the first time. From this point forward his son would be traveling the road alone. It was painful to release a boy's hand and with some uncertainty say, "Walk it alone son, for now you are a man."

He was an alumnus and he knew something of this road. This is probably the reason he recalled a small lad on a winter day taking those giant steps in heavy snow. When he had questioned the little fellow concerning this great effort to stretch those short legs the reply had come quickly, "I'm trying to walk in your footsteps, Dad."

The boy will succeed! Soon, all too soon, he'll be another alumnus who had made his mark and in whom the University and his Dad can be proud.

Sincerely,

DAVID L. BRIGHAM
Alumni Secretary

ALUMNI AND CAMPUS NOTES



UNIVERSITY CALENDAR OF ACTIVITIES

OCTOBER

- 13 Football—North Carolina—Away.
- 19 Football—Miami—Away.
- 27 Football (Homecoming)—South Carolina at College Park.

NOVEMBER

- 1-3 U. T. Production—"Paint Your Wagon"—College Park.

- 3 Football—Penn State—Away.

- 10 Football—Duke—Away.
- 17 Football (Parents Day)—Clemson at College Park.
- 21 Thanksgiving Recess Begins.
- 24 Football—Virginia at College Park.
- 26 Thanksgiving Recess Ends.
- 30 U. T. Production—"The Lady's Not For Burning"—College Park

DECEMBER

- 19 Christmas Program—College Park.
- 21 Christmas Recess Begins.

JANUARY

- 3 Christmas Recess Ends.
- 23 Pre-Examination Study Day.



LEFT MEERBROOK, INC. SILVER SPRING, MARYLAND

An architect's rendering of the University of Maryland Denton Hall dormitory complex. Denton Hall, left foreground, now under construction and slated for completion in September

1963, is the third, 500-unit, high-rise building on the College Park campus. Dining Hall Four, which will serve this dormitory complex, is also under construction.

University Scientists Study the Plasma of Outer Space

Better understanding of the dilute plasma which fills the "emptiness" of outer space may come out of a new program of cooperative research between the University of Maryland and the National Aeronautics and Space Administration.

Dr. Thomas D. Wilkerson of the Institute for Fluid Dynamics and Applied Mathematics at the University has recently been awarded a NASA grant of \$18,179.14 for supporting work on an "Interplanetary Plasma Probe." Parallel studies are being made by Dr. Keith W. Ogilvie at NASA's Goddard Space Flight Center in Greenbelt, Maryland.

Ogilvie and Wilkerson are adapting a highly sensitive laboratory device to study the abundance and energies of positively-charged particles in space. These particles, called "ions," are actually atoms stripped of their negative parts (electrons). It is believed that most of the solar system contains a low-density mixture, or "plasma," of ions and electrons in about equal parts. This plasma can be thought of as part of the sun's atmosphere extending outward from the visible sun for a hundred million miles or more and thereby enveloping the earth and many of its sister planets.

The plasma's temperature and motion are probably important factors in disturbances of the earth's immediate atmosphere, such as "northern lights" and radio "fade-outs," which follow violent solar events like flares and sun spots. Many scientists believe that plasma steadily streams outward from the sun as a "solar wind" with a mean velocity about 200 miles a second and a particle density between 10 and 100 per cubic

centimeter at the orbit of earth. One of the tasks for the NASA-Maryland plasma probe will be to measure this solar wind during satellite missions which go well outside the much denser atmosphere of the earth. The probe's great sensitivity will allow more detailed measurements than have been possible until now.

In interviews following the announcement of this program, both Drs. Ogilvie and Wilkerson stressed the balance of theory and experiment necessary in scientific work. From their comments, the following history of the solar wind concept can be traced. The solar wind was first proposed about 10 years ago by Prof. Ludwig Biermann of Munich to explain telescope observations of comet-tail motion. The theory of solar winds has been developed extensively by Prof. Eugene Parker of the University of Chicago.

The possibility has been raised that many other stars, besides the sun, emit plasma winds and that the large amount of matter involved might play a large part in the evolution of stars and the universe. Thus direct measurements of our own solar wind may give some indications about broader astrophysical problems, as well as enlightening us about our own small portion of the universe.

Plasma experiments in satellites have been carried out in Russia (Dr. K. I. Gringauz and others), and in this country by groups at the Massachusetts Institute of Technology (Profs. H. S. Bridge and B. Rossi and others) and at NASA's Ames Research Center in California (Dr. W. Bader). The results roughly confirm solar wind theory and show that the wind is diverted from in-

timite contact with our atmosphere by the earth's magnetic field.

The "interface" region where the diversion of the solar wind takes place will also be studied under the NASA-Maryland program. For this and other purposes, the new plasma analyzer may be more suitable than previous methods because it can register the arrival of much fewer ions in its detector unit. In the full solar wind, this analyzer will allow the density, temperature, direction and mean speed of the wind to be found very accurately.

A laboratory analyzer of this type was developed a year ago and operated at the Plasma Physics Laboratory, Princeton University, by Dr. Wilkerson and a colleague, Dr. Harold P. Eubank. Dr. Eubank will be a consultant to the NASA-Maryland program, having taken part in original discussions of the space application with Drs. Ogilvie, Wilkerson, and Frank B. McDonald, head of the fields and particles branch of the space science's division at Goddard. The Goddard program is now in the planetary ionospheres branch under R. E. Bourdeau.

Dr. Wilkerson's grant from NASA will also support the training of graduate students in space sciences.

According to the Institute's director, Prof. Monroe H. Martin, one of the Institute's main functions is to provide such guidance and support for advanced-degree research in the fields of physics, astronomy, mathematics, and aeronautical engineering. This new grant is viewed as an important addition to present Institute research in both experimental plasma physics and theoretical space physics.

New, 500-unit Residence Hall to be Completed Next Year

Construction of a new high-rise, 500-unit women's residence building and a dining hall on the College Park campus has been started and completion of these facilities is expected in August of 1963.

To be known as Denton Hall, the eight-story brick and stone dormitory will be located at the north entrance to the campus near Byrd Stadium. Denton Hall is the first of a three dormitory complex planned for this location and will be erected at a cost of \$1,570,000. The dining hall which will serve the entire complex will be constructed at a cost of \$799,000. Denton Hall is financed by a 50 percent appropriation from the 1962 Maryland General Assembly and 50 percent by self-liquidat-

ing funds of the University derived from dormitory operations.

Architect for the residence hall is Ted Englehardt, of Silver Spring. Johannes and Murray, also of Silver Spring, are the architects for the dining hall. Both buildings will be constructed by James L. Partello, Inc., of Laurel.

The lobby will contain an elevator, reception desk with two mail alcoves, and several small visiting areas. These will be a part of, yet separated from, the public lobby.

Down a wide staircase there will be a 40' x 80' recreation room which, with mobile partitions, will be divided into small meeting rooms. Here, too, there will be a small kitchen for informal snacking and vending machines. The main student laundry with fourteen washers and twelve dryers will also be on this floor. There will be ten ironing boards in a separate room with ample folding tables and hanging rods.

The living quarters will be on the upper floors.

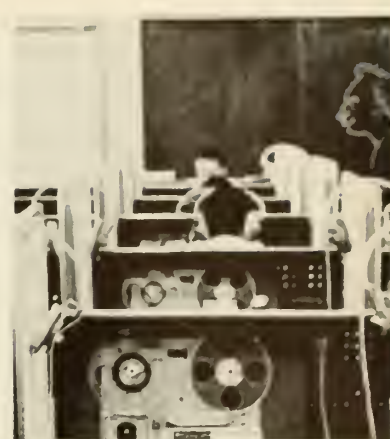
The graduate students, who serve as faculty residents, will live on the third, fifth and seventh floors, with thirty double rooms and six single rooms on each of those floors. The second, fourth, sixth and eighth floors will have thirty-four double and four single rooms.

Elevators will open into lounges on each floor. These will serve as informal living room areas.

The students' rooms will be finished in lightly tinted tones with clear varnish enhancing the natural grain of brick and pine.

Each student will have bed, desk, chest, chair, mirror and closet space to which they will add their selected drapes, spreads and wall hangings.

Corridors and rooms will have vinyl tile floors in appropriate colors. The corridors will also have wainscots in light glazed masonry.



PHOTOS BY NEIL HALL



First Maryland-Trained Peace Corpsmen Leave for Foreign Assignments

Certificates of completion were awarded on August 18 to 33 Peace Corps candidates who completed an eight-week training program at the University.

This group has departed for British Honduras to assume duties during the next two years as secondary school and college teachers.

During a ceremony in the College of Business and Public Administration Auditorium, Peace Corps members heard addresses by Dr. R. Lee Hornbake, Vice President for Academic Affairs, and Warren W. Wiggins, Acting Director of the Peace Corps.

Two other ceremonies were held at College Park for the Peace Corps candidates, who completed their training in late August. On August 25, certificates were awarded a group being sent to Turkey. Peace corpsmen slated for Venezuela and Ecuador received certificates on August 31.

During the eight-week program, a

University of Maryland faculty of 24 and about 30 guest lecturers conducted ten hours of intensive training from 8 a.m. to 5 p.m. and from 7:30 to 9:30 p.m. daily.

Peace corpsmen who are assigned to Turkey, Venezuela, and Ecuador received a crash language study program, including a minimum average of four hours of daily instruction. In addition, Turkish and Spanish nationals were assigned to the Peace Corps dormitory area so that the students could practice the languages during meal hours and after classes. English is the national language of British Honduras.

All of these trainees received instruction in technical subjects, physical education and recreation, health and medical training, and the history, geography and culture of the countries to which they were sent.

A team of lecturers from George Washington University conducted

courses in American studies. The Johns Hopkins School for Advanced International Studies conducted a course on world affairs, which included training in the philosophy, tactics and strategy of Communism.

Maryland is one of seven universities pooling their resources to help train Peace Corps volunteers. Other members of the consortium are: American, George Washington, Howard, Georgetown, Catholic and Johns Hopkins Universities.

The training program at the University of Maryland is being financed by a \$192,648.06 contract with the Peace Corps.

Six of the University's eight colleges at College Park are involved in the instructional program which is being coordinated by Dr. V. R. Cardozier under the University's Vice President for Academic Affairs, Dr. R. Lee Hornbake.



Some Recent Grants to the University

For acquisition of equipment to be used in a nuclear science and/or engineering program.

ATOMIC ENERGY COMMISSION TO DEPARTMENT OF CHEMICAL ENGINEERING
\$27,250.

*

For supplemental expenses and staff professional development program.

GRANT FOUNDATION, INC. TO INSTITUTE FOR CHILD STUDY
\$4,500.

*

For research in atmospheric and space physics.

U. S. WEATHER BUREAU TO DEPARTMENT OF PHYSICS
\$150,000.

*

For mathematical research in fields of fluid and applied mathematics.

U. S. AIR FORCE TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS
\$60,060.

*

For research in behavioral repertoires under full environmental control.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TO DEPARTMENT OF PSYCHOLOGY
\$100,000.

*

For research on luminescence as a function of dose, dose rate, and electron energy.

THE WALLACE JOYCE FOUNDATION TO DEPARTMENT OF CHEMICAL ENGINEERING
\$25,000.

*

For research on boundary value problems.

NATIONAL SCIENCE FOUNDATION TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS
\$52,000.

*

For research on problems in the geometric function theory.

NATIONAL SCIENCE DEPARTMENT TO DEPARTMENT OF MATHEMATICS
\$53,000.

*

For research on studies on arbovirus infections in equines.

OFFICE OF SURGEON GENERAL TO DEPARTMENT OF VETERINARY SCIENCE
\$42,724.

*

Senate Passes Beall's Bill To Return Federal-Occupied Land to the University

A bill introduced by Senator J. Glenn Beall to authorize the reconveyance to the State of Maryland of certain Federally-owned lands on the University of Maryland campus was passed by the Senate on September 12. Senator Beall said that he hopes the measure, S. 3019, will now receive prompt and favorable action in the House of Representatives.

Senator Beall said that passage of S. 3019 is "essential for the proper accommodation of the enlarged enrollment at the University," and he called particular attention to "the fact that the Federal government no longer has use for the land, and the further fact that the State of Maryland would pay the Federal government for the land."

According to the Maryland Senator, the College Park land involved in the reconveyance is presently held by the Federal Bureau of Mines and the Bureau of Commercial Fisheries, both of the Department of the Interior, and that Department, through Under Secretary James K. Carr, "has agreed to the relinquishing of the land, and has recommended enactment of the proposed legislation with two changes."

Senator Beall explained that, "while in the original bill the sum of \$2,245,000 would have been appropriated for relocation of the Interior activities, the Interior asked that the amount be changed to \$3,480,000 because of revised estimates of actual cost." A further change asked by the Interior had to do with the price to be paid by the State of Maryland for the land, the Senator said, continuing: "In the original bill, the State would have paid the sum of \$1,045,000; the Interior asked that this figure be deleted and that in place thereof the following be inserted: 'the fair market value for the described lands and the fixed improvements thereon, as determined by the Secretary of the Interior, such fair market value to be determined as of the effective date of the subject contract.'"

Senator Beall said that the officials of the University of Maryland had accepted the Interior Department's proposal, and he offered for the record a copy of a letter from Dr. Wilson H. Elkins, President of the University, expressing agreement with the recommendations of the Interior Department.

New Bureau Established

A Bureau of Educational Research and Field Services will be established by the College of Education. Dr. Walter B. Waetjen, Professor of Education, will head the new bureau.

Purpose of the Bureau will be to assist local schools throughout the State of Maryland by:

- acting as a coordinating agency which would make available consultant services from within, as well as outside the University,
- assisting with surveys in a variety of areas, such as school plant, curriculum, finance and personnel,
- conducting research,
- assisting school personnel engaged in research,
- assisting local schools in the selecting, analysis and interpretation of tests and test data, and
- cooperating with research agencies in the State Department of Education, the public schools, and other institutions of higher learning.

According to Dean Anderson, the responsibility of training teachers does not end when the teacher is graduated from the University.

"Local school systems are increasingly identifying problem areas in which they want University help, and the College of Education wants to provide help on these problems," he said.

Establishment of the Bureau resulted following a meeting of public school superintendents, and representatives of the State Board of Education and the University's College of Education faculty.

Preliminary conferences are now being held on projects which will be started this fall.

President Elkins Elected Trustee

Dr. Wilson H. Elkins, President of the University, has been elected a Trustee of the Maryland Academy of Sciences.

Also elected to a trusteeship was Jacob Blaustein, Baltimore industrialist.

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HEAVNER HEADS 4-H CENTER

A former 4-H member and Maryland graduate, Richard A. Heavner, '62, of Cumberland has been named manager of the National 4-H Center. The National 4-H Center is located in Bethesda, Maryland, and is operated in behalf of the Nation's 2,500,000 4-H members.

Heavner was a Maryland delegate to the 1959 National Conference and was present when President Eisenhower cut the symbolic green and white ribbons, formally opening the National 4-H Center. Nearly three years later Heavner became the manager of this "working memorial" to 4-H Club work.

REED FROM BRAZIL

Lowell H. Reed, '53, has returned home with his family after spending three years in Brazil as Agricultural Extension Advisor and Program Assistant to the U. S. Agency for International Development. Mr. Reed assisted and advised Brazilian State Extension Service workers in the northeast State of Pernambuco and Parailba. This one of the largest sugar-producing states of Brazil.

SHIPLEY TO HALL OF FAME

H. Burton Shipley, '41 alumnus and legendary basketball and baseball coach at the University, was named to the Helms Hall of Fame at Los Angeles in July. "Ship" was more than a coach; he was a molders of men.

CAPT. MILLER TO ANDREWS

Capt. Thomas D. Miller, '53, has been reassigned to Andrews Air Force Base, Maryland, following his completion of the Tactical Air Command deep sea survival course at Tinker Field.

DYAS COMMISSIONED

John J. Dyas, '61, has been commissioned a second lieutenant in the Air Force and has been assigned to Chanute Air Force Base.

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PITTSBURGH FELLOWSHIP

William H. Hussman, Jr., '60, was one of four recipients of Pittsburgh Plate Glass Foundation Fellowships for graduate study in Urban Renewal and Re-development at the University of Pittsburgh's Graduate School of Public and International Affairs.

The grants permit a maximum stipend of \$1500 per term for each Fellow and may be extended to cover the two or three terms necessary to complete the Urban Renewal program at Pitt.

Mr. Hussmann has served as assistant planner to the mayor and council of Rockville, Maryland, during the past two years. Prior to his graduation from the University, he had been associated with the U. S. Bureau of Census and Department of Interior as a geographic aide. He is married and the father of two children.

NAMED GENERAL MANAGER

William F. Keller, '43, of Red Bank, New Jersey, was named General Manager of the Blakiston Division (medical books), of the McGraw-Hill Book Company of New York.

Mr. Keller joined the Blakiston Company in 1945, prior to the merger of Blakiston with McGraw-Hill in 1954. He became an editor in the College Division of McGraw-Hill in 1954, and returned to Blakiston in 1956 as editor-in-chief.

ADMITTED TO SUPREME COURT

Nicholas Kozay, Jr., '50, of Philadelphia was admitted to the Supreme Court on May 28, 1962, on the motion of the Honorable Edward J. Griffiths of the Court of Common Pleas No. 1 in Philadelphia.

Mr. Kozay was admitted to the Supreme Court of Pennsylvania by the same judge on June 2, 1958, and has been practicing since April of 1958. In conjunction with his practice, he has held the position of Deputy Clerk of the Court of Quarter Sessions in Philadelphia for 10 years. At present, he is considering an offer of appointment to the District Attorney's office in Philadelphia.

MATHEMATICS GRANT

A team of University of Maryland mathematics researchers have received a grant of \$53,000 from the National

(Continued on next page)

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Science Foundation to continue some technical investigations they started two years ago.

The mathematical study they are directing is entitled "Problems in Geometric Function Theory."

The project is under the direction of Dr. James Hummel, Dr. Mischael Zedek, and Prof. Robert H. Mountjoy, all of the Mathematics Department. They are assisted by four graduate-student researchers.

The \$53,000 grant is a renewal of an original grant which was made two years ago.

NEW TRADE DIRECTOR

Edward M. Rider, '47, of Chevy Chase, has been appointed Executive Director of the new trade association, the National Vitamin and Drug Association, located at 2000 Florida Avenue, N.W., Washington, D. C.

Mr. Rider previously held positions of responsibility with both government agencies and trade associations in the Washington area. During the past three years, he was Assistant Director of Government-Industry Relations for the National Canners Association. He is a member of the Washington Trade Association Executives and the National Press Club.

While at the University, Mr. Rider served as Editor-in-Chief of *The Diamondback* and was former president of Sigma Circle of Omicron Delta Kappa. He has served on the General Alumni Council and also as President of the College of Arts and Sciences Alumni Association. He is a member of Sigma Alpha Epsilon fraternity.

ALUMNI NOTES

James H. Benner, '30, of Bethesda, Maryland, reports that at present he is an attorney, a member of the Maryland and District of Columbia Bars, and a chartered life underwriter with the Massachusetts Mutual Life Insurance Company, of which he is also a member of the President's Club for having written \$1,000,000 worth of life insurance in 1961.

The Benners have a summer home on the Patuxent in Calvert City, Maryland.

Richard S. Margeson, '61, of Lakewood, California, has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training School at Lackland Air Force Base, Texas.

The lieutenant, a member of Sigma Alpha Epsilon fraternity, is being re-assigned to James Connally Air Force Base, Texas, for navigator training.

In a recent letter to Tom Orpwood of the News Bureau, Herbert Allison, '35, of New York City reports that his wife,



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Mary, has finished two years of college and plans to major in Anthropology. The Allison's oldest son, Herbert, Jr., is serving as an orderly at Meadowbrook Hospital this summer to determine whether he wants to enter the medical profession, and their second son, George, 15, a sophomore in high school, is a licensed ham radio operator who sends his father on "endless errands to Radio Row in Lower Manhattan to bring back esoteric items of equipment."

Kenneth F. Woods, A & S, '59, received a Doctor of Philosophy degree from the Graduate School at American University, Washington, D. C., with a major in Latin American History, at annual commencement exercises at the University on June 10.

Mr. Woods' dissertation topic was: "Samuel Guy Inman—His Role in the Evolution of Inter-American Cooperation." He plans a career as a college professor.

University of Maryland graduates who received advanced degrees at the Spring Quarter Commencement at Ohio State University, Columbus, Ohio, were: Alfred J. Pratt, B.S., '51, M.S., '54, a doctor of philosophy degree; Thomas Salimeno, Jr., D.D.S., '52, a master of science degree; and Jacqueline E. Spencer, A & S, '60, a master of arts degree.

University alumni who were recipients of advanced degrees at the University of Delaware at commencement exercises on June 10 were: J. Jefferson Miller II, LL.B., '53, a master of arts degree; Clyde F. Culver, Agr., '59, James William Dickerson, Agr., '59, Dominick Mangano, A & S, '53, and Gerald F. Baughn, Agr., '61, master of science degrees; Raymond George Mueller, Agr., '43, and Russell Perry, Phy. Ed., '50, Master of Education degrees.

Four alumni of the University received graduate degrees at commencement exercises at Harvard University on June 14. They were: John W. Biggs, BPA, '54, a master's degree in Business Administration; Paul A. Brown, BPA, '57, a master's in Business Administration; Robert E. Carignan, University College, '59, a master's in Business Administration; and Howard S. Chasanow, A & S, '59, LL.B., '61, a master's degree in Law.

Joseph Martin Mehl, Jr., A & S, 39, was graduated from The American University, Washington, D.C., at commencement exercises on June 10. Mr. Mehl received a Doctor of Philosophy degree in History from the Graduate School of the College of Arts and Sciences. The title of his dissertation was "Intelligence Reporting by American Observers from the European Neutrals, 1917-1919; Select Cases."

Mary V. Molden, A & S, '45, received a master of arts degree in Education at the 136th annual commencement exercises on June 13 at Western
(Continued on next page)

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Reserve University in Cleveland, Ohio. Mrs. Manuel San Sabino, the former Barbara Jones, A & S. '56, was awarded a master of education degree from Goucher College, Towson, Maryland, at commencement exercises on June 10.

MR. DANIELS RECEIVES GRANT

Walter E. Daniels, a graduate student in the Department of Physics, has been awarded a \$2,500 grant by the American Machine and Foundry Company's Research and Development Division.

This grant will be used by Mr. Daniels to finance a graduate research project on the properties of metals during the academic year of 1962-63.

Dr. Cohn Morrison, Research Director of the A.M.F.'s Arlington, Virginia, Division, announced that the award had been arranged through the office of Dr. Hamilton Herman, Vice President for Research and Development, in New York City. This is one of several awards being made by A.M.F. in support of particularly promising graduate research projects in physics throughout the country.

Mr. Daniels has been a second-year graduate student in physics working under the supervision of Associate Professor Rolfe E. Glover, III, on research related to the superconductivity of thin films. He has held a research assistantship at the University of Maryland this past year, and previously served as a teaching assistant in physics. He is a native of Omaha, Nebraska, and a graduate of Dartmouth College.

PRODUCER FOR TV SERIES

Dr. Charles G. Niemeyer, Associate Professor of Speech and Drama at the University, acted as an Associate Producer for a series on Channel 26 (WETA-TV) entitled "Film Classics," which began January 29 and continued through June. Dr. Niemeyer supplied the program with research material for program notes and also selected the films which were shown, as well as furnishing the music. He was also guest speaker on several of the programs.

Dr. Niemeyer has been a film consultant for some time at the Coreoran Gallery of Art. Recently, the Board of the Coreoran Gallery appointed him officially as its film consultant. Beginning this fall, Dr. Niemeyer will select eight films to be shown at the Gallery and will prepare program notes.

ALUMNUS LANGUAGE TEACHER

Mr. Theodore Macdonald, Maryland, '50, has just been appointed to teach French and Spanish at the new Adirondack Community College in Hudson Falls, New York. Mr. Macdonald has been teaching ever since his student days at Maryland where he was president of the Cerele français.

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DR. NEWCOMB PROMOTED

Dr. Robert Newcomb, '48, Ph.D., '57, of the Ball State Teachers College English Department, Muncie, Indiana, is one of 10 professors to be promoted from assistant to associate rank. The action was taken by the State Teachers College Board on the recommendation of President John F. Emens.

Dr. Newcomb has published several articles in scholarly journals on Benjamin Franklin and is presently writing "A History of the English Maxim" as a result of a year's study on an American Philosophical Society Grant in 1960-61.

Coming to Ball State in 1958, Dr. Newcomb received his bachelor's, master's and doctor's degrees from the University of Maryland, doing half of his doctoral work at Princeton University. He is sponsor of the English Club at the College, and, as a member of the Student Publications Committee, recently revised the by-laws of that committee.

DR. DRAPER ELECTED

Dr. John D. Draper, '48, Professor and Chairman of the Department of Chemistry at Bethany College, Bethany, West Virginia, was recently elected President of the West Virginia Academy of Science. The election came during the 37th annual meeting of the Academy at West Virginia University.

Dr. Draper joined the Bethany faculty in February, 1951, and has served as Professor of Chemistry and Head of the Department since 1954. Since 1954, he has served as a research consultant for the Stoner-Mudge Corporation, Pittsburgh, both for that firm's Mellon Institute Fellowship and at the research laboratories in Pittsburgh. In addition to the West Virginia Academy of Science, he is a member of the American Chemical Society, Phi Beta Kappa, Alpha Chi Sigma, Sigma Pi Sigma and Sigma Xi.

A native of Hagerstown, Maryland, Dr. Draper majored in chemistry at Franklin and Marshall College, Lancaster, Pennsylvania, and was graduated from there in 1941. He received his Ph.D. at the University of Maryland after doing graduate work in Organic Chemistry.

APPOINTED ASSISTANT PROFESSOR

David M. Lewis, A.B., '54, M.A., '56, has been appointed Assistant Professor of Sociology at Western Michigan University, Kalamazoo.

Before joining the staff at Western, Mr. Lewis was an instructor in the Department of Sociology at Michigan State University.

(Continued on next page)

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JOINS STAFF OF INA

William Pratt, '62, has joined the staff of the Indemnity Insurance Company of North America as an Assistant Instructor in the Education Department, Philadelphia branch.

MASTER'S DEGREE

Gerald U. Liddel, '60, was awarded a master of arts degree at commencement exercises in June at The Pennsylvania State University.

MR. PHELPS NEW ASSISTANT

Norman N. Phelps, '62, of Hyattsville, was recently appointed Classification Assistant for Reservation Institutions, Department of Corrections, Washington D. C.

APPOINTED CHAIRMAN AT AU

Dr. Ray Eldon Hiebert, M.A., '61, Ph.D., '62, has been appointed Chairman of the Department of Journalism and Public Relations at The American University, it has been announced.

Dr. Hiebert was also promoted to Associate Professor. Prior to his four years on The American University faculty, he taught English and Journalism at the University of Minnesota.

Dr. Hiebert is a graduate of Culter Academy in Los Angeles. He earned his B.A. degree from Stanford University and his M.S. from the Pulitzer Graduate School of Journalism at Columbia University, prior to receiving his M.A. and Ph.D. in American Studies from the University of Maryland.

Before entering teaching, Dr. Hiebert worked on the editorial staff of newspapers in Los Angeles, New York, and Washington, D. C. He has worked as a free-lance magazine writer and book editor and on special news projects for NBC News in Washington. He is the author of a biography, *Ivy Lee: Pioneer in Public Relations*, now in publication, and of numerous magazine articles.

He has served as a consultant to the United States Department of Commerce, and to Sigma Press, Washington textbook publishers.

He is a member of Sigma Delta Chi, Pi Delta Epsilon, the American Studies Association, the Association for Education in Journalism, the Public Relations Society of America, and the American Association of University Professors.

Dr. Hiebert resides with his wife and three children at 3226 Blueford Rd., Kensington, Maryland.

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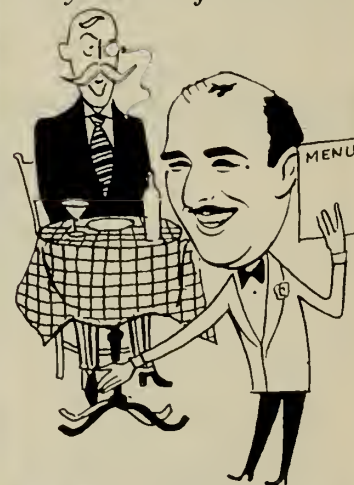
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chosen to receive a graduate fellowship awarded by Wellesley College, Wellesley, Mass., for the 1962-63 academic year.

Twenty-five women scholars have been granted the awards which will enable them to do advanced study and research at universities of their choice, throughout this country and abroad. Most of the fellowship recipients are candidates for the Ph.D. degree, and the majority are preparing for careers in college teaching.

Already well established as a teacher of physical education, Mrs. Harvey has been awarded an Amy Morris Homans Fellowship for advanced study in her field. She is working toward the doctoral degree at Western Reserve University.

At various times since 1938 Mrs. Harvey has been a member of the faculty of Kent State University, where since 1954 she has been an associate professor in the Division of Health, Physical Education, and Athletics. She is a graduate of the University of Maryland and has the master's degree from the University of Wisconsin.

Articles by Mrs. Harvey have appeared in the *Ohio High School Athlete* and in the *Research Quarterly*, and in a 1961 publication of the American Association for Health, Physical Education, and Recreation.

College of

BUSINESS AND PUBLIC ADMINISTRATION

ALUMNI NOTES

Robert Callaway, '48, is an assistant agency director with the State Farm Mutual Automobile Company and lives at 34-27 Duke St., College Park.

Mr. Callaway received his bachelor of science degree at Maryland. He is married to the former Dorothy Ann Jones of Macon, Georgia.

He was recently honored by State Farm for completing 10 years of service with the company.

Col. Thomas P. Corwin, '35, former Assistant to the Vice Commander, Headquarters, Air Force Systems Command, Andrews Air Force Base, Maryland, was recently awarded the First Oak Leaf Cluster to the Legion of Merit. The presentation was made by AFSC Commander, General B. A. Schriever.

Colonel Corwin left Andrews Air Force Base to assume new duties July 16 as Vice Commander of the Air Force Accounting and Finance Center, Denver, Colorado.

Army Capt. Robert C. Ebersberger, '50, of Baltimore completed the nine-

(Continued on next page)

month officer career course at The Finance School, Fort Benjamin Harrison, Indiana, on June 1.

Captain Ebersberger received advanced instruction in Finance Corps doctrine, operations and procedures and is now qualified for command and staff positions at the highest levels.

The 37-year-old captain is a 1944 graduate of McDonogh High School. He received his B.S. degree from the University of Maryland and his M.B.A. degree from Indiana University, Bloomington. Captain Ebersberger is a member of Sigma Pi fraternity.

HARDY APPOINTED

Time, Inc., President James A. Linen and Chairman of the Board Andrew Heiskell have announced the appointment of Jerome S. Hardy, '39, to a vice presidential post.

Mr. Hardy has served as Publisher of the Time, Inc. Book Division since its inauguration in January, 1961, and Doubleday & Co.'s Vice President for Advertising before he became Director of *Life's* book department in 1959.

Following his graduation from the University, Mr. Hardy worked for several years before World War II in public relations for the automobile industry in Washington, D. C., and served with the Air Force from 1942 to 1946. Before joining Doubleday & Co. in 1947, he headed an industrial public relations concern operating in Central and South America. At Doubleday he served as trade Advertising Manager and Director of Advertising before his appointment in 1956 as Vice President for Advertising. In 1959 he became Director of *Life's* book department and was appointed Publisher of the Time, Inc. Book Division when it began operation in January, 1961. He is Chairman of the Executive Committee of Silver Burdett and past President of the Publishers AD club.

Air Force Lieutenant Colonel Hugh H. Saum, Jr., '36, Timber Cove, Seabrook, Texas, is serving as escort officer for a group of Civil Air Patrol (CAP) cadets now touring Greece as part of the 15th annual International Air Cadet Exchange.

Colonel Saum's group is one of 21 such touring units of selected CAP cadets now visiting countries in Europe, South America and the Middle East.

The Colonel will return to his assignment as Director of Administrative Services at Headquarters, Civil Air Patrol, at Ellington Air Force Base, Texas, upon completion of the tour.

ASSISTANT TO CONTROLLER

Arthur E. Biggs, '51, of Stamford, Connecticut, has been named Assistant to the Controller and Director of Man-



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agement Information for Mobil Oil Company.

Mr. Biggs received a B.S. degree in accounting at the University and an M.B.A. in finance from the Harvard Graduate School of Business. He has been a consultant with McKinsey & Company, Inc., and is Vice President of the National Society of Business Budgeting. Mr. Biggs is married and has two sons.

GRANTS MANAGEMENT ASSISTANT

John Caponiti, Jr., '62, of West Hyattsville, was recently appointed Grants Management Assistant for the National Institutes of Health in Bethesda.

FLYNN JOINS BOUCHER COMPANY

H. Timothy Flynn, '57, and a stalwart at end on Jim Tatum's forces joined the staff of C. Robert (Bob) Boucher, Educ., '35.

Bob, who was a track man in his day, has run an appraisal-consultation business in The Investment Building, Washington, D. C., since graduation, with the exception of a World War II tour in the Air Force as a Major. Bob, a Sigma Nu, also is active in University affairs, currently serving as Vice President of The "M" Club. He has also been a Terrapin Club member for many years.

Tim will assist in the appraisal of real estate as well as negotiate mortgages for the lateral firm, Byrd-Boucher and Company, Correspondents for Connecticut Mutual Life Insurance Company of Hartford, Connecticut.

Bob's daughter, Carol Robin is presently a senior at the University.

College of

EDUCATION

Mary J. Ahalt

INSTITUTE RECEIVES GRANT

Dr. H. Gerthson Morgan, Director of the Institute for Child Study, announced receipt of a grant from the W. T. Grant Foundation, Inc. to be used for supplemental expenses and the staff professional development program. The Institute has gained an international reputation as a center for helping teachers and school administrators to understand the behavioral development of children.

SPECIAL EDUCATION WORKSHOP

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(Continued on next page)

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states worked with 100 mentally-gifted and 80 mentally-retarded children from Montgomery County in the Special Education Workshop conducted at Newport Junior High School, Wheaton. Dr. Jean R. Hebel, Assistant Professor of Education, College of Education, was Coordinator for the Workshop. Assisting consultants were from the universities of Maryland, Illinois, Pittsburgh, Syracuse, and Columbia and from the United States Office of Education and Florida State Department of Education.

FACULTY ACTIVITIES AND PUBLICATIONS

Dr. J. Paul Anderson, Assistant Professor of Education in the College of Education, gave the Commencement address at the Prince George's County summer high school graduation.

Dr. Vernon E. Anderson's book, *Before You Teach Children and Teachers Guide: Before You Teach Children*, has been released by The Lutheran Church Press in Philadelphia. This book is one of the Leadership Education Series planned under the Board of Parish Education of the new Lutheran Church of America. The Series is the basic introduction to a new church school curriculum to be published in 1965.

Mrs. Margaret Stant, Assistant Professor of Education in Early Childhood Education, is serving as National Secretary of Phi Delta Gamma for 1962-64.

Dr. Donald Maley, Head of Industrial Arts Department in the College of Education, served as chairman of the section on "Graphics—A Leadership Tool" at the National Leadership Development Conference for Manpower Development and Training. This conference was sponsored by the United States Department of Health, Education and Welfare; Office of Education, Bureau of Educational Assistance Programs, and Division of Vocational and Technical Education.

Dr. Lucile Bowic, Associate Professor in the Institute for Child Study, and Dr. H. Gerth Morgan, Professor and Director of the Institute, contributed the article "Personal Values and Verbal Behavior of Teachers" to the *Journal of Experimental Education*, Volume 30, Number 4, June 1960.

ALUMNI NOTES

Bernard J. G. Caradec, '61, of Hyattsville has been awarded the silver wings of a United States Air Force navigator. He is being reassigned to Mather AFB, California, for advanced training.

Quentin L. Earhart, M.Ed., '61, was recently appointed Assistant Superintendent of Instruction in the Baltimore County public school system.

Ronald L. Ellis, '60, of Baltimore, is pilot of the C-124 Globemaster trans-

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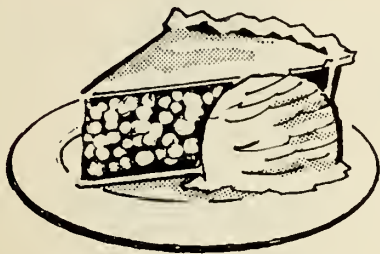
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Captain Willard R. Mumford of Annapolis, '56, has been named winner of the Aerospace Power Study Award in the 870 member graduating class at the United States Air Force Squadron Officers School at Maxwell AFB, Alabama.

ASSISTANT PROFESSOR AT ILLINOIS

John C. Hadder, '49, who has served as an Assistant Professor at Muhlenberg College since 1957, has been appointed Assistant Professor of Biological Sciences in the undergraduate division at the University of Illinois, Chicago, beginning September 1, it was recently announced by the University of Illinois.

After receiving his master's degree in education in 1949 at the University of Maryland, Mr. Hadder went on to receive his doctor's degree from Michigan State University in 1957. He served as graduate assistant at the University of Maryland from 1947 to 1950; as a research assistant at Brookhaven National Laboratory in Upton, New York, from 1951 to 1954; as an assistant at Michigan State University from 1955 to 1956 and an instructor from 1956 to 1957; and as an Assistant Professor at Muhlenberg College from 1957 to 1962.

College of ENGINEERING

Russell B. Allen

RADIATION RESEARCH GRANT

The Walter F. Joyce Foundation of Dallas, Texas, has given Dr. Joseph Silverman a grant of \$25,000 for research in radiation. The Grant will help install a powerful Van de Graaff generator in the laboratories of the Chemical Engineering Department. With the aid of this generator and assistance from a graduate student, Ralph Belcher of Silver Spring, Dr. Silverman will study the effects of radiation on the luminescence of phosphors.

TAU BETA PI ELECTS FUNK

John B. Funk, Chairman of the Maryland State Roads Commission, has been initiated as a member of the Maryland Beta (University of Maryland) Chapter of the Tau Beta Pi Association, in recognition of his attainments in the field of engineering.

Commissioner Funk studied Civil Engineering at Washington and Lee University where he was elected to Phi Beta

(Continued on next page)



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Kappa. His other engineering assignments include: draftsman for the American Bridge Co., City Engineer of Brunswick, Maryland, Construction Engineer, Chief Engineer of the State of Maryland, and Director of Public Works of Baltimore County.

Chairman Funk also served as a member of the Maryland House of Delegates (1935-39), Majority Floor Leader of the Maryland Senate (1939-46), Secretary of State (1947), and a member or chairman of a large number of state committees or commissions before being appointed to his present post by Governor Tawes.

ALUMNI NOTES

Edmund C. Mayo, M.E., '04, Chairman of the Board of the Gorham Corporation of Providence, Rhode Island, was awarded an honorary degree of Doctor of Science in Business Administration at the 1962 commencement of Bryant College in Providence.

The University of Maryland awarded Dr. Mayo the honorary degree of Doctor of Engineering in 1956 for a long and distinguished career in Mechanical Engineering. His career began with the Newport News Shipbuilding Company from which he progressed to assistant to the superintendent of the American Locomotive Company of Richmond, Virginia, General Manager of the Cameron-Tennant Machine Works, Vice President and General Manager of the Viaduct Electric Company of Maryland, General Manager of the Worcester Pressed Steel Company in New England and President and General Manager of the American Tube and Stamping Company before he joined the Gorham Manufacturing Company in Providence in 1924 as Vice President and General Manager. He became President in 1925, a position to which was added the Presidency of the Alvin Corporation which he held until 1959.

* * *

William R. Welsh, B.S., '29, EE, '32, is Technical Administrator in the Advanced Systems Planning Section of RCA's Major Systems Division. Except for a very short period immediately following graduation, his career has been entirely with Radio Corporation of America which has given him many broadening opportunities including participation in technical conferences in Europe as well as this hemisphere, particularly the international aviation field and the BMEWS (Ballistic Missile Early Warning Systems).

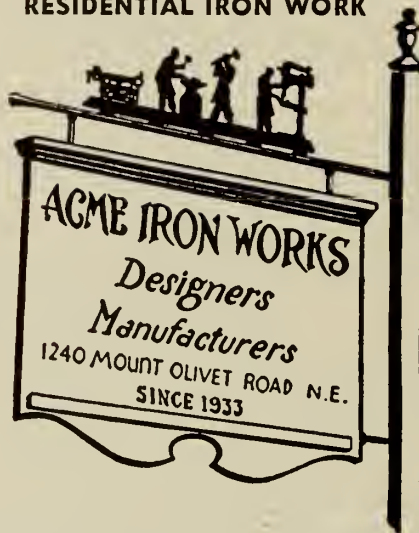
Mr. Welsh's work with RCA included six years of design engineering, five years as Chief Engineer of the Canadian subsidiary in Montreal, the war years as manager of a group in Camden on airborne electronic equipment and continuing afterwards as Manager of Engineer-

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ing for aviation, mobile, microwave and scientific instruments. For the past few years his assignments have been more toward the administrative and forward planning aspects of RCA's Defense Electronics business.

Mr. Welsh has maintained contact with the University through his eldest daughter, Carol Anne Benton (nee Welsh), a 1960 graduate of the College of Education, and world-wide confirmed contacts with 184 different countries through his amateur radio station W2PTM.

* * *

Carroll S. James, '30, on September 1 assumed the duties of Manager of System Operations on the general headquarters staff of the West Penn Power Company. Mr. James, a registered professional engineer in Maryland, has been involved in engineering and systems operations activity for Potomac Edison for the past 28 years and leaves a similar position with Potomac Edison at Hagerstown. He is familiar with West Penn operations as a result of his service on intra-company and Allegheny Power System Committees.

* * *

Col. William E. Roberts, CE '31, is now Deputy Post Commander at Fort

George G. Meade, Maryland. He came to his new post from a tour of duty as professor of military science at the University of West Virginia.

Colonel Roberts, a native of the District of Columbia, went on active duty in 1941 with the Sixth Infantry Division in the Pacific Theatre. Other assignments included the Infantry School at Fort Benning, Georgia, the Army War College at Carlisle, Pennsylvania, the Seventh Army in Europe, the Command and General Staff College at Fort Leavenworth, Kansas, and chief of staff for the Iceland Defense Force.

* * *

Charles F. Cashell, CE '31, received a fifth "Outstanding" rating in recognition of his work as Assistant Chief of the Electrical Department at the U. S. Army Engineer Research and Development Laboratories, Fort Belvoir.

* * *

Turner G. Timberlake, ME '41, received a Meritorious Civilian Service Medal, the Army's second highest award to a civilian employee, in recognition of his work as chief of the Engineering Department at the U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia. The citation accompanying the medal commended Mr. Timberlake for his "service in planning, staffing, and supervising the new Engineering Department"—and "effectively overcoming difficulties in revising entrenched policy and operational concepts, implementing an increased Engineering mission, and recruiting experienced engineers from industry in spite of salary disadvantages."

Mr. Timberlake joined the Laboratories in 1956 after being employed for a number of years at the Engineer Maintenance Center, Columbus, Ohio. A 1937 Westinghouse National Scholarship winner, he is presently a lieutenant-colonel in the Army Reserve and served on active duty from 1941 to 1945 and again from 1951 to 1954. He was the recipient of a Secretary of the Army fellowship in 1959 and received an "Outstanding" rating earlier this year. He has authored a number of papers on earth moving and construction equipment.

* * *

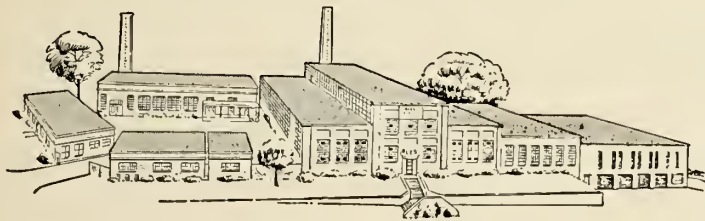
Donald L. Murphy, EE '58, was recently promoted to Staff Engineer at the International Business Machines Corporation, Endicott, New York. He has been with IBM since graduation.

* * *

Sharon L. Henderson, EE '60, first woman graduate in Electrical Engineering, is now an Assistant Engineer in Technical Management with NASA, assigned to the Mercury Project. For two years she was employed by Vitro Laboratories, Inc.

* * *

(Continued on next page)



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Andrew Hobokan, EE '60, is the NASA Technical Manager for Project Gemini at the McDonnell Aircraft plant where the spacecraft is being made. He has been quoted in the newspapers about the on-board computer, an electronic brain about the size of a week-end suitcase, under development by IBM, which is so essential to the tricky and vital job of re-entry of the two-man spacecraft.

* * *

Rodney Chatham, ME '61, was commissioned a second lieutenant in the U. S. Air Force at the Officer Training School, Lackland Air Force Base, Texas. He is being reassigned to Kirkland Air Force Base, New Mexico.

* * *

David C. Fullarton, EE '61, as of August 1, 1962, assumed the duties of Executive Manager of the National Telephone Cooperative Association of Washington, D. C. Before his new appointment Mr. Fullarton was with the National Rural Electric Cooperative Association.

* * *

Francis Zeltman, Jr., CE '61, was a June, 1962, graduate of the Basic Engineering Air Force at Wright-Patterson Air Force Base and is now Lieutenant in the U. S. Air Force.

* * *

Among candidates for advanced degrees of Master of Science at Drexel Institute of Technology's June, 1962, commencement in Philadelphia were: William R. Brown, Jr., EE '50, who received a master's in Engineering Management; Jacque E. Goeller, ME '55, who received a master's in Mechanical Engineering; Michael Stanka, ME '50, who was awarded a master's in Engineering Management; and John J. Zabawa, EE '56, a master's in Electrical Engineering.

* * *

The master of science degree was conferred on Paul Y. Hu, ME '61, of Baltimore by the California Institute of Technology at Pasadena, California, June 1962.

* * *

James Gilchrist Steffler, CE '50, was awarded a Bachelor of Science degree in Industrial Management at the June, 1962, commencement exercises at the Carnegie Institute of Technology in Pittsburgh.

JOINS CHEMICAL LABORATORY

Robert E. Fischer, '60, formerly employed by the Dow Chemical Company, recently joined the Allied Chemical Company's General Chemical Research Laboratory in Morris Township, New Jersey.



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GOURMET INSTITUTE

The Gourmet Institute, offered in co-operation with the College of Home Economics, will be held in three sections: Fall Section—Saturdays, October 6, 13, 20, 1962—American Cuisine; Spring Section—Saturdays, March 23, 30, April 6, 1963—Oriental Cuisine; Summer Section—Saturdays, June 15, 22, 29, 1963—European Cuisine.

The Gourmet Institute is a humanistic and esthetic approach to creativity in the epicurean arts, emphasizing an appreciation of cultural influences upon food selection, preparation and presentation.

ALUMNI NEWS

Two 1962 Home Economics alumni have been granted Graduate Assistantships. Miss Claudia Brush will be doing graduate work at Pennsylvania State, with Textiles and Clothing as her major field, and Miss Edith Crammatte, a Home Management major, will be doing her work at Cornell University.

JAPANESE STUDENT

Miss Mihoko Matsuyama, a Japanese student and an AHEA Fellow, will begin her studies in September in the College of Home Economics.

FACULTY NOTES

Dr. Helen I. Brown has been asked to serve as a Food and Nutrition Consultant for a two-year flight into space, a new project being planned in conjunction with NASA.

New faculty members of the College of Home Economics, announced by Dean Lippeatt, are: Mrs. Margaret Mc-

Kinley, M.S., Columbia University; Miss Brunhilde Seidel, M.S., Iowa State; and Mrs. Ann Qualls, M.S., University of Tennessee. All three will teach in the Foods and Nutrition Department.

Dean Selma Lippeatt has been asked to serve on the Committee on International Exchange of Persons and review applications of candidates for University lecturing and post-doctoral research awards in Home Economics, under the Fulbright-Hayes Act.

Dean Lippeatt was also recently appointed a member of the AHEA committee on Federal Research in Home Economics.

ALUMNA NAMED HOME ECONOMIST

Phyllis Lorraine Garbis, the top 1961 home economics graduate of the University of Maryland, has been named home economist of the Wilkins-Rogers Milling Company, Inc., Samuel H. Rogers, Jr., president of the Washington based company, announced recently.

Mrs. Garbis will handle the school demonstration programs in the company's market area, conduct baking tests at the plant kitchen, and develop and test new recipes for Wilkins-Rogers, manufacturer of flour.

Prior to her appointment, the Washington, D. C., girl was a home economist with Herbert V. Shuster, Inc. of Boston, and before that she was a dietician at the George Washington University Hospital.

As a home economics major at the University of Maryland, Mrs. Garbis received the Borden Home Economics Scholarship presented to the senior with the highest average in the food and nutrition field. She also received the Tri Delta Scholarship Grant and the Executive Stewards Scholarship Grant.

She was a member of Phi Kappa Phi, Omicron Nu, president of the college club chapter of the American Home Economics Association and graduated first in the College of Home Economics at Maryland.

Mrs. Garbis presently lives with her husband at 1635 Massachusetts Avenue, N.W., Washington, D. C.

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PRIZE-WINNING HOBBYIST

R.N. "Bob" Pritchard, '47, writes that he has been busy in Real Estate business, writing articles for the National stamp publications, operating a mail order stamp shop and a stamp page album company, and mounting stamp exhibits for the national and international shows.

Mr. Pritchard entered his prize winning Booklet Pane stamp exhibit and his Miniature Sheet stamp exhibit, which had just won a Merit Award at the New Zealand National Show, in the Royal Canadian International show at Windsor May 3-5, as well as his Perfin stamp exhibit, which won many awards at the Argentina '62 International stamp show at Buenos Aires May 19-29.

On December 19, 1960, in the nationally publicized *Realtor's Headlines*, and also in the April 18, 1961, Prentice Hall's *Real Estate Opportunities* and in the nationally circulated Chicago Title and Trust Company's *The Guarantor*, certain specific details of Mr. Pritchard's real estate practice were featured.

Following his graduation from the Law School, Mr. Pritchard worked as a legal Editor for West Publishing Company in St. Paul, Minnesota. He passed his Illinois' Broker Examination in 1959 and entered the Real Estate field.

AUTHOR'S NEW BOOK

Gerald J. Robinson, '56, member of the New York and Maryland Bars and co-author of *Legal Instruments & Federal Taxation*, has authored a new Law publication, *Going Public, Successful Securities Underwriting*, published by Clark Boardman Company, Ltd. of New York.

Mr. Robinson's book is a guide of a general nature that covers the areas of importance in public financing. It pre-

(Continued on next page)

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MICHAEL MANLEY HONORED

Michael Manley, '49, who is a claim superintendent with the State Farm Mutual Automobile Insurance Company, Baltimore, was recently honored at the Eastern Regional office of the State Farm Company in Charlottesville for having completed 10 years of service with the company.

Mr. Manley is married to the former Mildred Jean Morne, Nursing, '59. They have three children.

CLASS NOTES

Captain Richard R. Burgee, '57, of Frederick, Maryland, an Air Force reserve officer, was a member of the recently concluded Command and Staff College orientation course at the Air University at Maxwell Air Force Base, Alabama.

Captain Burgee was one of 383 selected reserve officers from a wide range of civilian occupations and professions to be chosen for the special course.

First Lieutenant Robert A. Dunham, LL.B., '59, of Galesville, Maryland, was graduated from the United States Air Force's Squadron Officer School at the Air University at Maxwell Air Force Base, Alabama, on August 3.

Lieutenant Dunham was selected for the special professional officer training in recognition of his demonstrated potential as a leader in the aerospace force.

The Lieutenant is a member of Lambda Chi Alpha.

He is being reassigned to Lackland Air Force Base, Texas.

PRESIDENT OF PR COUNCIL

John B. Lotz, LL.B., '35, has been elected president of the Baltimore Public Relations Council.

Mr. Lotz is industrial relations assistant superintendent at the Western Electric Company's plant on Broening Highway.

Prior to Mr. Lotz's present assignment, he has served in the manufacturing end of the business as well as in the Purchasing organization where he was the Assistant Purchasing Agent.

Mr. Lotz attended the Johns Hopkins University, School of Engineering, and the University of Maryland. He is a member of the Maryland Bar.

Mr. Lotz is also a member of the Public Relations Society of America, a director of the Personnel Administration Association of Baltimore and the Baltimore Association of Commerce.

CHAIRMAN OF MTA

Philip Heller Sachs, LL.B., '28, has been elected Chairman of the Metropolitan Transit Authority, which regulates all mass transit facilities in the Baltimore metropolitan area.

School of

MEDICINE

Dr. John Wagner

HOWARD HALL PROGRESSES

Active progress in the refurbishment and internal reconstruction of Howard Hall begins to take shape with anticipated occupancy for the research and basic sciences departments of the School of Medicine scheduled for mid-1963. Greatly expanded facilities for research will be afforded by this new facility and, in addition, the medical curriculum will now be able to include multiple disciplined laboratory facilities, laboratories designed for the performance of many different types of experiments. This new innovation will enable the students to remain in one laboratory area with several departments serving the specially designed areas from service zones adjacent to the principal student laboratory.

BETATRON UNIT BEING INSTALLED

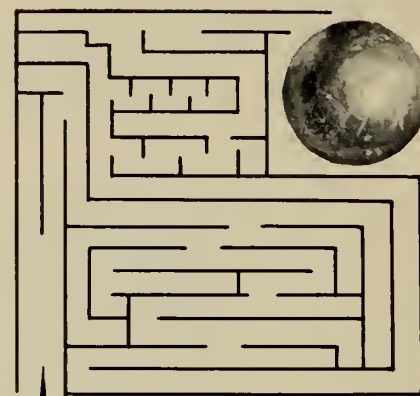
A betatron unit is being installed with a complete redesigning of the northwest junctional wing of the University Hospital. It now becomes possible to include a new betatron to be employed in the treatment of deeply-lying cancerous diseases. The betatron will complement the cobalt 60 apparatus which has been so successfully employed in the past five years and will thus greatly enhance the efficiency of the radiation therapy apparatus possessed by the University Hospital for the treatment of malignant diseases. The betatron will be under the direction of Doctor Fernando G. Bloedorn.

MEDICAL SCHOOL CLASS TO BE EXPANDED

The medical school class beginning in September, 1962, will be increased to a size of 130 students. Additional classroom and laboratory facilities under construction or in prospect make the increase in the student body possible.

ALUMNI DAY

Alumni Day was celebrated on Thursday, June 7, with addresses by Doctor



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Albin O. Kuhn, who spoke on the expansion program of the University of Maryland, and Dean William S. Stone, who discussed the changing philosophy in medical education. Lad F. Grapski discussed plans for the development of new facilities in the hospital division. Doctor Arturo R. Casilli of the Class of 1914 received the Alumni Honor Award and Gold Key presented by Doctor Frank K. Morris, President of the Medical Alumni Association.

NEW ALUMNI MEETING DATE

At the annual meeting of the Medical Alumni Association it was moved to combine the annual meeting of the Medical Alumni Association with the annual meeting of the Medical Society of the University Hospital, the University Hospital Surgical Association and the Louis H. Douglass Obstetrical and Gynecological Association. In 1963, the joint scientific and Alumni meetings will be held in April. Alumni will receive separate communication on this topic.

REHABILITATION UNIT ESTABLISHED

A Rehabilitation Unit for adult Maryland citizens suffering from handicaps has been established at University Hospital within the Department of Preventive Medicine and Rehabilitation.

In announcing the new unit, Lad F. Grapski, Director of the Hos-

pital, said that it was designed to meet recommendations made last year to the State Planning Commission by the subcommittee on chronic illness headed by Dr. Allen F. Voshell, in that it coordinates the evaluation and rehabilitation of handicapped persons throughout the state.

Although responsibility for long term chronic care cannot be assumed, the new unit for adults goes one step beyond the hospital's Central Evaluation Clinic for Children in providing outpatient treatment in addition to evaluation and recommendations for treatment.

One of the objectives of the unit is to restore handicapped persons to independent living even though they may not be fitted for employment. "It is hard to estimate the value to a completely bedridden person of being able to walk again, or to use a wheelchair," Mr. Grapski said, "to say nothing of the benefit to the person who has been earning for him."

The new unit will be headed by Dr. Paul F. Richardson, Assistant Professor and Head of the Division of Physical Medicine and Rehabilitation at the School of Medicine. Dr. Aubrey D. Richardson, Assistant Professor of Preventive Medicine and Rehabilitation, will be Medical Director of the unit, and Dr. Clara J. Fleischer, Assistant Professor of Physical Medicine and Rehabilitation, will be the physiatrist.

Lydia M. Blakeslee, Instructor and Research Associate in the Department of Preventive Medicine and Rehabilita-

tion, will direct social work, and Jerome Menchel, Instructor of Physical Medicine and Rehabilitation, will coordinate the unit's activities and prepare a survey of facilities available in other hospitals throughout the State in order to avoid duplication.

Because preparation for employment is the goal wherever this is possible, a representative of the State Division of Vocational Rehabilitation will also be a member of the team, to assist persons who have vocational potential.

Medical specialists at University Hospital will serve as consultants.

Services of the Rehabilitation Unit will be available to patients at University Hospital who may afterward become outpatients at the unit. Other patients will be referred from physicians throughout the State or from health and welfare agencies.

A standard fee schedule has been established for individuals and agencies that underwrite such services.

Mr. Grapski stated that the unit is accepting patients now and at the outset expects to treat from 10 to 15 patients a week. As the number of patients grows, the staff may later be increased accordingly.

GEORGE H. YEAGER, M.D.,
1963 PRESIDENT

George H. Yeager was elected president of the Medical Alumni Association for 1962-63 and Doctor Gibson J. Wells was
(Continued on next page)

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nominated president-elect. Vice-presidents included Doctor Hugh Ward, Wylie Faw and Philip Insley; Secretary, Doctor Francis Borges; Treasurer, Doctor Howard B. Mays; for the Board of Directors, Harold Biehl, Doctor Renner Smelzer and Doctor Joseph D'Antonio.

DR. DODGE PRESIDENT OF PAMWA

Dr. Eva Dodge, M.D., '25, Professor of Obstetrics-Gynecology at the University of Arkansas Medical Center, was recently elected President of the Pan American Medical Women's Alliance while on a two months' trip working with and observing hospitals and medical schools in Costa Rica, Panama, Guatemala, Colombia, Peru, Bolivia, Brazil and Paraguay.

The Pan American Medical Women's Alliance was organized in 1949 by a group of women physicians in the Americas. As President of the organization, Dr. Dodge has also been appointed to the Medical Advisory Board MEDICO, a non-profit organization developed by the late Dr. Tom Dooley which provides medical personnel for underdeveloped countries.

UNIVERSITY COLLEGE

G. Allen Sager

THREE GRADUATES AWARDED AIR FORCE COMMENDATION MEDALS

Three University College graduates have been awarded the United States Air Force Commendation Medal recently in recognition of meritorious performance of duty.

Lt. Col. Clarence R. Glasebrook, B.S. '55, was recognized for his service as a member of the Air University aerospace briefing team at Maxwell AFB, Alabama.

Major Samuel R. Haggard, B.S. '59, was cited for outstanding performance of duty while assigned to Chateauroux Air Base, France, as aircraft maintenance officer.

Chief Master Sergeant Ralph C. Morgan, B.S. '58, was awarded the medal for meritorious service while serving as school project officer at Albrook AFB, Canal Zone.

SCHOOL COMPLETIONS

First Lt. John D. Miles, B.S. '56, was named a Distinguished Graduate in the April class of 900 USAF officers at the Squadron Officers School, Maxwell AFB, Alabama.

Col. Oscar S. Anderson, Jr., B.S. '54, and Col. Fred E. Kyer, B.S. '55, were

graduated from the USAF's senior professional school, the Air University War College, in June.

Army Lt. Col. Clark O. Irving, B.S. '60, and Col. Harlan J. Long, B.S. '57, recently completed the senior officer advanced operations course at the Army Command and General Staff College, Fort Leavenworth, Kansas.

Maj. Donald E. Allen, B.S. '60, Lt. Col. Eugene J. Braun, B.S. '60, Capt. Richard R. Duemler, B.S. '61, Lt. Col. Herbert S. Moore, B.S. '60, and Maj. Wilbert F. Higgins, B.S. '60, were among a class of 411 U. S. Army officers and 33 officers from allied nations who recently completed the 16-week associate course at the Army Command

and General Staff College, Fort Leavenworth, Kansas.

Maj. Frank A. Buchanan, Jr., B.S. '61, Maj. Charles L. Stevenson, B.S. '58, both of the Air Force, and Army Maj. Ebbin P. Scott, Jr., B.S. '58, M.B.A. '61, were graduated from the Air Force Command and Staff College at the Air University, Maxwell AFB, Alabama, in June.

Army Lt. Col. Jay P. Thomas, B.S. '50, recently graduated from the Armed Forces Staff College, Norfolk, Virginia.

Roman Joseph Lutz, B.S. '58, received the Master of Arts degree from the State University of Iowa in February.



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PROMOTIONS

The following University College graduates have been recently promoted in their respective branches of the armed services: Howard A. Handran, B.S. '60, from Lt. Col. to Col.; Osear A. Anderson, B.S. '54, from Lt. Col. to Col.; William L. Dodge, B.S. '57, from Maj. to Lt. Col.; Murray W. Cole, B.S. '58, from Maj. to Lt. Col.; Earl Ingram, B.S. '61, from Maj. to Lt. Col.; James M. McGovern, B.S. '58, from Maj. to

Lt. Col.; Stanley J. Nixon, B.S. '59, from Maj. to Lt. Col.; Robert L. Kane, B.S. '55, from Maj. to Lt. Col.; Donald M. Thompson, B.S. '50, from Lt. Col. to Col.; Leslie A. Smith, B.S. '57, from Lt. Col. to Col.; Benedict A. Karnosky, B.S. '60, from Lt. Col. to Col.; Lucius Theus, B.A. '56, from Maj. to Lt. Col.; and Gordon E. Mulvey, B.S. '61, from Maj. to Lt. Col.

Maj. Arthur E. Allen, USAF, was promoted to the rank of Professor of Air Science at Brown University.

COMPLETED CAREERS

CARLYLE NIBLEY, JR.

Army Major Carlyle Nibley, Jr., A & S, '58, of Laurel, a medical entomologist, died May 19, 1962 in a traffic accident on Route 1, two miles south of Laurel.

Major Nibley was graduated from Woodrow Wilson High School, Washington, in 1943, and served for three years as an Army enlisted man in the South Pacific in World War II. After his discharge, he entered American University and was graduated in 1950 with a bachelor of science degree. He re-entered the Army the same year as an officer. He served in Korea in 1950-51 and later attended the University of Maryland, where he received a master of science degree. Major Nibley returned to this area from an assignment in Okinawa last May, assigned to the University of Maryland, where he was majoring in medical entomology and working for a doctor of philosophy degree.

He leaves his wife, Betty Jean; two sons; a daughter; two brothers, a sister; and his mother.

EDWIN F. DARNER

Edwin F. Darner, Engr., '22, of Hagerstown, Maryland, died April 9, 1962.

T. B. MACKALL

T. B. Mackall, Agr., '08, of Mackall, Maryland, died April 6, 1962. Mr. Mackall was for many years Treasurer of Christ Episcopal Church, of which he was a life-long member, and Senior Warden at the time of his death; a past Vice President and member of the Board of Directors of the Farm Bureau; and a charter member of the Calvert County Historical Society. Funeral services were held April 8 at Christ Episcopal Church, Port Republic. Burial was in the Church cemetery. Mr. Mackall is survived by his wife, the former Mary Evelyn Parran; two daughters; two brothers; and two grandsons.

CARROLL E. TAUSZKY

Carroll E. Tauszky, Engr., '09, died February 18, 1962, at the age of 74 years. Funeral services were held February 22 at Huntington, West Virginia. Mr. Tauszky is survived by his wife, Artha, now residing at 420 E. First St. Huntington, West Virginia; and two sons, presently on active duty with the United States Air Force.

(Continued on next page)

LEMUEL F. ZERKEL

Lemuel Ferdinand Zerkel, A & S, '06, U. S. Park Commissioner in Shenandoah National Park since 1939, died April 17, 1962 at Page Memorial Hospital, Luray, Virginia, after a short illness. He was 76. As Page County director of Shenandoah Valley, Inc., Mr. Zerkel helped form the Park in the 1930's. He operated a lumber business and was a real estate dealer in Luray. He leaves his wife, Mrs. Helen Mims Zerkel; a daughter; a son; and a sister.

FRANK W. SMITH

Frank W. Smith, who served as foreman of the machine shop in the Physics Department at the University of Maryland since September, 1954, died June 3, 1962, at Washington Sanitarium after two months of critical illness. Mr. Smith died on his 59th birthday.

Mr. Smith was a gifted craftsman and often remained long hours after work to help individual faculty members and students with special problems involved in construction of their research and teaching apparatus.

During Mr. Smith's career as foreman, the shop of the Physics Department increased four times over in number of workers and more than tripled in the quantity of machines and tools. Mr. Smith developed the machine shop into a flexible tool available for basic experimental research and the development of teaching equipment.

Mr. Smith is survived by his wife, Catherine, and two sons.

WILLIAM C. GIBBS

William Campbell Gibbs, A & S, '61, a medical student in the top third of his class at the University of Maryland Medical School, died May 19, 1962, at the University Hospital in Baltimore after brain surgery. He was 23.

Mr. Gibbs is survived by his parents, Malcom M. and Tommie A. Gibbs, of 4712 Hunt Avenue, Chevy Chase, and a brother.

WILLIAM F. CASSEDY

William F. (Bill) Cassedy, A & S, '48, of East Greenbush, New York, died May 26, at the Albany, New York, Medical Center after an operation.

Mr. Cassedy won both the Maryland and District of Columbia schoolboy golf championships while he attended Montgomery Blair High School, where he also starred in baseball and basketball. After World War II, he helped organize the University of Maryland's golf team. After his graduation from the University, he had been a bacteriologist with the Sterling-Winthrop Company. Mr. Cassedy also managed a Little League baseball team and was active in civic

work in East Greenbush. He is survived by his wife, Mary; two sons, his parents, and a brother.

GEORGE ELI BENNETT

Dr. George Eli Bennett, M.D., '09, died July 17 at his home in Baltimore at the age of 77.

Dr. Bennett, one of baseball's leading physicians, was a member of the medical profession for 50 years and a longtime professor at Johns Hopkins School of Medicine. Among his patients in earlier years were Dizzy Dean, Allie Reynolds, Lefty Gomez, Dixie Walker, Joe DiMaggio, Phil Rizzuto, Pee Wee Reese, Red Rolfe and Pete Reiser.

Dr. Bennett's skill at treating baseball injuries was a result of experience gained when he played semi-pro ball in his youth.

Dr. Bennett served as president of the American Orthopedic Association and the American Academy of Orthopedic Surgeons. Under his direction, the first iron lung center in the world was organized at Children's Hospital in the early 1940's.

THOMAS HOWARD EVANS

Thomas Howard Evans, Phy. Ed., '42, athletic director of the Cambridge, Maryland, High School, died August 5 of an apparent heart attack. He was 52.

Mr. Evans taught at the Cambridge Seminary, Cambridge Junior High School, and, since 1958, was a teacher and athletic director of the Cambridge High School.

A bachelor, Mr. Evans is survived by six sisters.

JOSEPH BRANSKY

Joseph Bransky, Phar. D., '14, School of Pharmacy, died in Philadelphia on February 17, 1962.

Dr. Bransky was a retired supervisor of the Federal Bureau of Narcotics in Pennsylvania, New Jersey, and Delaware. He had been in the Bureau for 41 years prior to his retirement in 1960.

After the Second World War he was sent to Japan by the U. S. Army to study the illicit narcotics trade. He was later made a life member of the Japanese Pharmaceutical Association.

Dr. Bransky originated the mass-raid technique in the early 1950's, sometimes arresting up to 100 suspects at one time.

He was a member of the International Chiefs of Police Association and of the International Association of Identification.

He was a native of Baltimore and attended the 1961 banquet of the Alumni Association of the School of Pharmacy.

THERESA B. NICH

Theresa B. Nicht, Ed., '29, of Frostburg, Maryland, died March 11.

ESTEL KELLEY

Estel C. Kelley, LL.B., '24, of Cumberland, Maryland, died July 10. He was 60 years old.

Mr. Kelley, a Republican member of the House of Delegates, was a native of Westport. He had practiced law in Cumberland since 1924 and was former president of the Allegany County Bar Association. His wife, the former Delta Coulter, died earlier. He is survived by five children.

WALTER C. CAPPER

Walter C. Capper, LL.B., '06, of Cumberland, Maryland, died on January 21, at Cumberland.

HENRY H. O'NEILL

Henry H. O'Neill, Agriculture, '12, retired Justice of the Peace and former trial magistrate at Hyattsville, died at Mount Alto Veterans Hospital after a long illness.

JOSEPH MASON

Joseph L. Mason, Agriculture, '36, a Stockbroker in Silver Spring, died at Mount Alto Hospital. Funeral services were held at Fort Myer Chapel and burial was in Arlington Cemetery.

WILLIAM K. ROBINSON

William K. Robinson, A & S, '13, of 103 North Beacon Street, West Hartford, Connecticut, died March 4, 1962. Burial was in Christiansburg, Virginia. Mr. Robinson was the owner of the W. K. Robinson, Inc., Oil Company. He is survived by his wife.

HARRY G. NEUMANN

Harry G. Neumann, Agriculture, '49, died recently at his home in Royal Oak, Maryland. For several years he was engaged in food processing on the Eastern Shore.

CLAYTON P. HARLEY

Clayton P. Harley, Agriculture, '23, died recently after a long illness. He retired from the U. S. Department of Agriculture in 1961 after a colorful career in research in fruit production.

MORRIS L. YUBAS

Morris L. Yubas, M.D., '09, Philadelphia ophthalmologist, died April 20, 1962, at his home at 250 S. 17th Street, Philadelphia. Dr. Yubas was one of the founders of what is now the Pennsylvania College of Optometry.

CLAUDE C. SMINK

Claude D. Smink, M.D., '09, of 914 Riverside Drive, Salisbury, Maryland, died April 15. He was 74.

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the **Maryland** magazine

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Volume XXXIV

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THE COVER: The University of Maryland Madrigal Singers have achieved a growing reputation as a distinguished musical group. Officially organized as a class in the Department of Music in 1959, they have made numerous appearances at University affairs and on television stations WBAL in Baltimore and WTOP, WRC and WTTG in Washington. They have also produced programs for the Voice of America and for the Armed Forces overseas. Among their personal appearances the Singers are well known for their performance, by invitation of the Secretary of State, in honor of all the Chiefs of Diplomatic Missions and their wives in the State Dining Room in the new Department of State Building.

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*President Elkins addresses
the third Annual Honors Convocation on*

THE IMPORTANCE



OF SCHOLARSHIP

Excepting Commencement, this is the most important academic event of the year, and I am pleased to be the main speaker. Perhaps I should not be, since I am in a position to know that I was far down the line when the Convocation Committee began to look for someone to address you. By a process of declined invitations, I was selected. Notwithstanding the circumstances, I was a willing party to the draft, as it afforded me an opportunity to talk about scholarship which is the main purpose of any University worthy of the name.

The terms scholar and scholarship have been used and are defined in several ways. We hear of athletic scholarships, music scholarships, legislative scholarships, and a host of others, although they may have little, if any, relation to high academic performance. Use of the word "scholarship" in referring to various kinds of student aid, often for worthy purposes, is confusing and misleading. Of course, we expect all who receive aid to be students, but we do not expect them to be "scholars" in one sense of the word. I am thinking of scholarship as high academic performance either in study, teaching or research. In this connection, it is appropriate to discuss the high academic performance which you have shown, although all of us recognize that scholarship is usually associated with high academic achievement over a much more extended period of time.

Incidentally and parenthetically, this occasion may be rather timely. It comes at a time (by chance I assure you) when we have just lost two football games, and it is not surprising that while I was preparing this talk someone reminded me that we could now turn to scholarship with a vehemence. In any event, our concentration on academic matters will no longer be disturbed by the incipient bowl fever which was beginning to rise on and off the campus.

Tonight we are recognizing academic performance and honoring students who have applied their talents. You have demonstrated your ability to make an exceptional record and your desire to excel. We are also pleased to recognize the parents, relatives and friends of the honored students—particularly the parents. Most mothers and fathers place at the top of their mental list of desires a good education for their children, and they hope that their children can and will take advantage of the opportunities afforded them. Parents should be grateful for unusual ability, but perhaps they should be even more grateful when their children perform at a high level since performance is somewhat unpredictable and subject to many environmental influences and factors. Disappointment is not uncommon. When expectations or hopes are fulfilled, parents have a right to be proud, to take some credit for success, and they should be as quick to praise as they might have been to criticize. We are glad that you are

here this evening to share the honors and to enjoy the satisfaction of knowing that your sons and daughters possess both ability and the will to go above the average level.

We are also pleased to have with us three special guests who will be cited for their achievements. They have been selected not because they are famous or rich—they may be both—but because of noteworthy service. There are many people in this country who contribute immensely in many fields who neither gain nor seek fame. We are especially pleased that the awards to be made are given in the name of the Board of Regents. This suggests, and rightly so, that the Regents' primary interest is in accomplishment—high academic achievement by students and outstanding service by prominent citizens.

In this age of acceleration, it is not easy to achieve distinction. As knowledge accumulates rapidly and competition becomes keener, it is increasingly difficult to get to the top and stay there. In many subjects a high achievement of twenty or even ten years ago is inadequate today. Despite the self-appointed critics of education, there has been notable progress. I am often amazed, and sometimes embarrassed, by the content of high school courses. It is not that I am convinced that good students of yesterday would fail today; it is because I realize that, in general, today's students have to learn a lot more than was required of students a few years ago. This striking fact causes me to appreciate more fully than ever before the capacity of the human mind and the fact that human beings seldom work up to full capacity.

THE PURSUIT OF SCHOLARSHIP

There are a number of influential factors in the successful pursuit of scholarship. The most important, it seems to me, are ability and aptitude, self-discipline, and the urge to excel—and all of these need to be applied for any successful endeavor. A relatively small percentage of students have superior ability, and they are deeply indebted to their parents and ancestors. Some of them, at least, seem to make excellent records without great effort, just as some people seem to be able to make a lot of money without extraordinary exertion. Most of the high potentials, however, have to work hard to remain at the top. This is so because of the amount of work required and, perhaps of even more importance, because they are being pushed by extraordinary application on the part of ambitious students with average ability.

These efforts are made possible by self-discipline. The successful student has learned to control himself. When there is a choice, as there is in most colleges and universities, he not only recognizes the main purpose of going to college, but he also pursues it with diligence. Fortunately, self-discipline can be developed; but, unfortunately, there are too many students who would like to learn how to study without studying. The student who has disciplined himself may improve his reading skill and make some use of mechanical teaching devices, but he does not attempt to substitute teaching aids for fundamental requirements in the learning process.

In reaching for the top, the urge to excel is an invaluable asset. This is often called motivation and it is as difficult to measure as it is to determine its origin. It seems to be a part of some people. Others do not have a self-starter and require a "cranking" by some outside source. It is

The Honors Convocation

Three hundred and fifty-nine students were recognized for outstanding academic achievement at the third annual Honors Convocation, November 16, in the Reckord Armory at College Park. An audience of 1,200 parents, faculty and friends gathered to recognize student achievement of at least a 3.5 cumulative grade average.

Distinguished Service Awards were conferred upon two Maryland citizens and an alumnus by the Board of Regents for their contributions to their communities, State and University. Board Chairman Charles P. McCormick made the Awards to Adelyn Dohme Breeskin, and Dr. Alvin Thalheimer, both of Baltimore, and Sterling Ruffin Newell, of Falls Church, Virginia.

University President Wilson H. Elkins addressed the Convocation on "The Importance of Scholarship." Vice President for Academic Affairs R. Lee Hornbake presided.

Mrs. Breeskin was cited "as one of the few women serving as a curator of a large city museum and one who has made a distinct contribution to the culture of Baltimore City and the State of Maryland."

A noted writer, academician, lecturer and art authority, Mrs. Breeskin was associated with the Baltimore Museum of Art as Curator, Acting Director and Director from 1930 until her appointment as Director of the new Washington Gallery of Modern Art in July.

She was decorated by the Italian Government and awarded the "Star of Solidarity" in 1954 for promoting intercultural betterment, elected a Benjamin Franklin fellow of the Royal Society of Arts, London, in 1960 and appointed U. S. Commissioner in charge of the American Pavilion at the 30th Venice Biennale Exhibition during the same year. Also during 1960, she was the recipient of the *Afro-American* Award for superior public service without thought of gain.

Mr. Newell was recognized "as a Maryland alumnus who has headed with distinction an important national program under the United States Department of Agriculture."

A member of the Class of '22, Mr. Newell has had a distinguished career in agriculture. Prior to retirement, he served as Director of the Agricultural Estimates Division and Chairman of the U. S. Crop Reporting Board for the Agricultural Marketing Service, U. S. Department of Agriculture. He has also served as Chief of the Livestock Branch and Assistant Chief of the Market Research Division, Bureau of Agricultural Economics.

Dr. Thalheimer was cited for his outstanding contributions to the welfare of the citizens of the State. A former Chairman of the Council of Social Agencies of the State Department of Public Welfare, he has been extremely active in many philanthropic and cultural agencies.

He is Vice President of the American Trading and Production Corporation and Chairman of the Maryland Board of Public Welfare. Formerly President of the Lord Baltimore Filling Stations, Dr. Thalheimer has served also as President of the Associated Jewish Charities and the Board of Jewish Education.

Dr. Thalheimer is the author of *Existential Metaphysics* published in 1960.

not, however, unrealistic to believe that the urge can be cultivated. In view of the satisfaction which comes to all individuals when they do well, it is reasonable to assume that they can do something about it. One does not need to wait aimlessly for some impetus to strike him. One may need simply to get more deeply involved in a subject. The urge to excel is often influenced by outside stimuli, but it must be developed within the individual. Like other qualities, it grows when attended properly.

UNIVERSITY'S RESPONSIBILITY TO DEVELOP SCHOLARSHIP

It has been said by educational critics that the only real crime that a college can commit is to waste the time and talents of its students. In spite of the cold and hot wars that confront and threaten us, I suspect that the final test of democracy will be on the question of how fully the talents of all of the people have been developed. Certainly, there can be no doubt as to what should be given the highest priority. The extent to which we cultivate human resources will determine our security and our prosperity. Educational institutions can accept some responsibility for the full development of the individual; but, their central purpose must be on intellectual growth. The human mind, if directed by virtue, can accomplish wonders for the advancement of civilization. In the area of the intellect, man is unique. He possesses powers which, even in this enlightened age, are largely untapped. The remarkable discoveries of the past will appear as only a preface to what man may accomplish in the future. His attributes may be applied in the writing of beautiful music, in the achievement of economic hope for the underprivileged, in the enlightened management of industrial and commercial organizations; also in the prevention of dread diseases, and in probing the mysteries of the universe. All kinds of minds are needed to make progress. The universities should not ignore the direction of the intellect, but they must concentrate upon the development of our most promising intellectual resources.

To achieve significant results there is an urgent and almost desperate need for leadership. While a superior academic record does not necessarily mean that one will become a leader in his field, it does mean that the chances are better than they are for one who does not perform at a high level. Scholarship is a sign of certain exceptional qualities, and it is the university's obligation to identify and strengthen the qualities which are essential to leadership in every field. Only in this way can we expect real progress and hope for an improvement in man's relations with man.

FACTOR IN INDIVIDUAL HAPPINESS

Scholarship is also an important factor in individual happiness. In a highly competitive economy each person must be equipped to make a living and to stand on his own feet in times of adversity as well as prosperity. Performance in college is considered to be the most important criterion for judging what the individual will do outside of college.

Indeed, there are notable exceptions, but they are decreasing as conditions become more complex. Your performance, if maintained, will give you preferential treatment in starting a career; and, if you are dependable, have initiative and have learned how to learn you will continue to make progress. If you have been only a so-called "grade-hound," you may find that grades are not enough to assure success. If you have learned to think for yourself, however, and to distinguish between a mere recitation of facts and the meaning, interpretation and application of them you will profit by your educational attainments.

Tonight we honor your academic achievement over a period of one year, hoping that it is prophetic of future accomplishments. We do not say that this is a passport to fame and fortune; we merely say that you are on the right track and we commend you for it. We know that grades are not everything—that social, spiritual and physical development is essential to the making of a useful man or woman. We also know that there are trained fools and that there always will be, and that some of them have graduated magna cum laude. But, we know that the overwhelming majority of honor students have continued to excel in college and in their chosen professions.

ENCOURAGEMENT OF SCHOLARSHIP

It is inevitable that the University will be judged by its peers and by others. The best criterion for a judgment is the performances of its students and graduates. To produce extraordinary results the University must have extraordinary talent. It must not be seriously handicapped by a mass of students who do not possess academic aptitudes or interests. The University is attempting, therefore, to attract ever more promising high school graduates and is following a policy toward low achievers that will enable the faculty to do a better job with those who can and will achieve. We have made some progress, and we recognize that we need to do more for those who have the qualities of leadership, even if we have to do less for those whose performance is questionable. To avoid wasting the time and talent of students, the University must, at times, depart from traditional practices. It must conceive and inaugurate plans that display creative thinking. There is a need to preserve what man has learned, but there is also a need to project man into the future. Although difficult, it is a task that must be undertaken if we are to provide the kind of leadership that will be needed in the years ahead.

You, and those who follow your example, merit our encouragement, our gratitude and our praise. You have helped yourselves and you have helped to raise the level of the University. In all probability you will derive tangible benefits from the application of your ability; but, notwithstanding the importance of material things, your main reward will come from an inner feeling of satisfaction. It will come from a realization that you have done your best, and that you have taken advantage of the most precious privilege of free men—the opportunity to achieve personal success and to perpetuate and improve a social order which is the only hope for a better tomorrow.

Congratulations, and may the future be even brighter than the past.

Maryland Holly Decorates the American Christmas Scene

HARRY DENGLE, EXTENSION FORESTER AT THE UNIVERSITY, has a very special way of wishing his friends and acquaintances a Merry Christmas: he gives them holly.

Since the 1800's, Maryland holly has provided Americans living in the eastern half of the country with wreaths used during the Christmas season.

As Maryland faculty, students and alumni prepare for the happy holidays ahead, the editors of *The Maryland Magazine* have written this short feature as their way of wishing all readers a very Merry Christmas and a Happy New Year.

And Mr. Dengler, of Holly Hollow, Maryland, is the acknowledged holly expert in this area.

Guest editor of *Handbook of Hollies*, published by the *National Horticultural Magazine*, Mr. Dengler has received recognition from the Holly Society, the *American Forests Magazine*, and numerous area newspapers.

Mr. Dengler cannot stress enough the important role holly plays in bringing cheer to the Christmas season, and to every day of the year. For example, when the late Mrs. Eleanor Roosevelt made her first return trip to Washington after her husband's death, Mr. Dengler sensed how unhappy her arrival would be, and was on hand with a special spray of holly, though he had never met the wife of the late Franklin D. Roosevelt. Onlookers reported that Mrs. Roosevelt's smile was bright enough to light an entire tree!

Launching into an explanation of the wreathmaking business, Mr. Dengler said that the Delaware-Maryland-Virginia Peninsula has furnished holly for the eastern half of the United States since the 1800's. "Fruitland, Maryland, is the only place in the world where holly auctions are held each year, usually on three successive Wednesdays and Saturdays before Christmas," he said.

"Shortly after Thanksgiving, wreathmakers search swamps and woods for trees having a great number of berries," explained Mr. Dengler. "They gather berried sprigs of holly three to six inches long and remove the



leaves. Four to eight sprigs are wired together to form a cluster of berries approximately four inches in diameter.

"Wreathmaking is usually a family affair," continued Mr. Dengler. "When the time of auction draws near, holly from the larger and greener trees are gathered by the men. Hoops are formed from switches of gum or maple and wreaths are started by tying three to six sprigs of holly to the hoop with holly wire. Clumps of twigs are then placed on the hoop to cover the ends. To finish off the wreath, four clusters of berries are spaced evenly around it, the result being a wreath approximately 14 inches in diameter. Experienced wreathmakers are able to complete a wreath in about 10 minutes."

When the day of auction arrives, cars, station wagons and trucks line up and trunk lids are promptly and proudly lifted to display the wreaths.

"By 10 o'clock in the morning, everyone is anxious to get started," said Mr. Dengler. "The first vehicle in line moves up to the group of buyers and to the auctioneer, who collects a flat fee of 50 cents a load. The buyers hold up and examine the wreaths carefully, and bid on a per-wreath basis. Prices vary from 40 cents to over a dollar a wreath. Auctions are fast-moving because buyers are anxious to move their wreaths to market."

"Unfortunately," concluded Mr. Dengler as he gathered up holly twigs from his desk, "the wreathmaking industry is slowly declining. Gathering holly is hard work and the profits are not great. It's mostly the old folks who are still engaged in the art of wreathmaking."

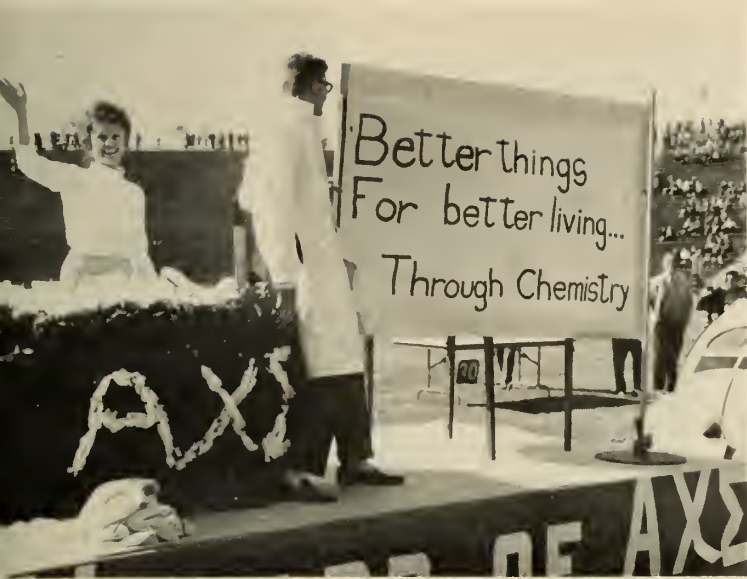
On a happier note, he added, "But holly will continue to promote good will and cheer among peoples everywhere, just as it has for centuries past."



No words are necessary to describe this ingenious Homecoming float.



The 1962 Homecoming Queen is escorted by (left) Roland L. Harrison, '96, member of the first football team to represent the University, and (right) Harry E. Hasslinger, '33, new President of the Alumni Association.



Homecoming Victory

by Dave Brigham

HOMECOMING WAS A TERRIFIC SUCCESS! THE ENTHUSIASM, the attendance, the football team and the weather combined to provide a completely victorious day. Broadway could not have staged a better production as the Terrapins turned defeat into victory with a field goal in the closing seconds of a grueling exhibition.

Nearly 600 returned for an informal buffet luncheon at the main dining hall. A similar number enjoyed a Coffee Hour and Reception following the game.

The post-game Reception was the first affair in the new ballroom of the Student Union Addition. Attendance was the largest for any such function in recent years, and the host club, representing Prince George's County, provided excellent hospitality under the direction of their President, Dr. John Cronin. Both the Alumni President, Harry E. Hasslinger, and the University President, Dr. Wilson H. Elkins, were on hand to greet and visit with the returning alumni. President Hasslinger and Mr. Roland L. Harrison escorted the Homecoming Queen around the Stadium Oval at half-time. Mr. Harrison was halfback on the first football team to represent the College. It was Maryland Agricultural College at that time. Dr. Elkins crowned Queen Bunny Little.

Other honored alumni joining in the day's festivities included former football great, Granville Lewis, Class of '97, Dr. Thomas B. Symons, '02, Dr. Edgar Friedenwald, '03, Thomas Mullendore, '04. Among the younger alumni were J. J. Graham, '06, Col. O. H. Saunders, '10, and Genl. Lindsay McD. Silvester, '11.

After a full day, some of the more hardy took part in the Homecoming Dance at the Armory in the evening. House decorations, a fine float parade, and open house on the part of fraternities and sororities made the day complete for an estimated six to eight thousand of the faithful who came home for Homecoming.



President Elkins crowns the Homecoming Queen, Bunny Little, Alpha Omicron Pi.



President Elkins visits with alumni during the pre-game luncheon.

Alumni post-game coffee 'n cake get-together.





A Reference Library for Alumni

Compiled by

HOWARD ROVELSTAD, *Director of Libraries*

AND

ROBERT M. PIERSON, *Head of the Humanities Room, McKeldin Library*

IN ONE YEAR, 1961, THERE WERE PUBLISHED IN THE United States 18,060 books; this total includes neither the thousands of publications emanating from state and Federal governments nor subscription books. The number of books published in this country yearly is steadily increasing: the 1961 output represents an increase of 9% over the 1960 output.

To select from such vast numbers the titles that you may want to read might be an impossible task except that there are many aids available to assist you in the process of selection. Book reviews and bibliographies in newspapers and magazines are obvious sources of information to which you may turn. Readers' advisers on the staffs of public libraries are prepared to help you. The problem remains, however, of selecting the comparatively few books which you may actually wish to purchase in order to have at hand, whenever you want them, the books which you need to consult frequently.

The bibliography which follows is a list of reference books in print (and thus readily obtainable at or through your local bookstore) that altogether occupy three and one half feet of shelf space. From the accumulation of thousands upon thousands of books in print these have been selected as a basic group of books that could be expected to answer most questions for which you would turn to books for answers.

A reference book is, as you know, not the sort of book that you would expect to read from cover to cover; it is rather a book that you would turn to in order to find an answer to a specific question. But no hard and fast line should be drawn. Many people, for example, have read

the Bible cover to cover; some enjoy reading encyclopedic articles for general edification and enlightenment; and others with a philological bent are fascinated by browsing through dictionaries.

But generally one consults books on his reference shelf to find specific bits of information or brief articles about particular subjects. A small reference collection should not be expected to be all things to all people, but it should provide for the basic informational needs of the entire household. The children in the upper grades and in high school will benefit greatly by having such sources of information within reach when they are doing their homework; alumni may find a wealth of material, ranging from solutions to child care problems to statements as to the membership of religious bodies in the United States.

Our list of volumes consists of items which we think will be helpful in an imaginary "average well-educated" home. But we should not expect every reader to accept our list *in toto*: the needs of each will vary more or less from those of others. With this thought in mind we have at several points suggested possible substitutions.

It is not enough, however, to accept a list of books (or draw up one's own list), buy the books, and shelve them where they can be readily found. A collection thus assembled may soon gather dust. Spend an hour or two with each book; sample its riches; speculate as to how it might help you (think of how you *could* have used it, had you had it before). Then, when the moment comes—tomorrow, next week, next month, or next year—when the book could help you, you will remember that you have a copy of it on your shelf.

COLUMBIA ENCYCLOPEDIA IN ONE VOLUME. 2d ed. Columbia University Press. \$35.00.

This one-volume encyclopedia is designed for quick, ready-reference use. The 70,000 articles are notably concise and fact-laden and, in general, cover the range of the larger encyclopedias.

WORLD ALMANAC, AND BOOK OF FACTS, 1962. World-Telegram. \$1.85 (paperbound \$1.10).

This popular American almanac contains much information, including statistics, on social, industrial, political, financial, religious, educational, and other matters. An index is conveniently placed at the beginning of each annual issue. A similar work, somewhat different in arrangement, is **INFORMATION PLEASE**.

WORLD ATLAS. 11th ed. Goode, John Paul. Rand McNally. \$9.95 (textbook ed. \$7.50).

Goode's atlas, while less detailed than some more ambitious—and more expensive—atlases, is quite adequate for most purposes. The material on map interpretation should be studied if one is to derive the fullest benefit from the use of this work. Many distribution maps are included, showing resources and products. Coverage of the United States is particularly thorough. Various tables are appended, and a detailed index makes it possible to locate very quickly even the smaller physical features and political subdivisions.

MARYLAND MANUAL, 1961-1962. Maryland Hall of Records. \$4.50 (paperbound \$3.50).

The **MARYLAND MANUAL**, published every two years, is an official publication of the State. It presents an up-to-date, concise description of the State government; a directory of state, county and municipal officers; copies of the Charter and the Constitution, and a map of Maryland; and much miscellaneous information about the State.

U. S. GOVERNMENT ORGANIZATION MANUAL 1962-63. U. S. Government Printing Office. \$1.50.

For alumni living in the Washington area or associated with the Federal government this manual is of special interest. It describes agencies in the legislative, judicial, and executive

branches, as well as quasi-official agencies and some international organizations. It is published annually.

AN ENCYCLOPEDIA OF WORLD HISTORY. Rev. ed. Langer, William Leonard, ed. Houghton. \$8.75 (text ed. \$6.50).

Langer's work is primarily a series of historical outlines with emphasis upon recent events. Use it in surveying developments, in checking sequences, in compiling lists of rulers, popes, etc., in checking dates of events, and in discovering what occurred at particular points in history. By no means confined to the "West," it should be particularly helpful for its coverage of the "minor" countries and of the periods which many histories of civilization neglect—e.g., the Byzantine Empire, central Africa before the nineteenth century, and the reigns of the later Mongolian emperors.

WEBSTER'S NEW INTERNATIONAL DICTIONARY. 3d ed. unabridged. Merriam. Regular style with buff buckram. \$47.50.

A scholarly and up-to-date description of the English language, the third edition of **WEBSTER'S** has been the subject of much debate. The chief problem is that it lacks the designations as to acceptability in formal discourse which students and others have found to be a useful feature of the earlier editions (for some readers, therefore, the second edition would be a more useful purchase).

Those who have used unabridged dictionaries primarily to check spellings may not be aware of their riches. If you are one of these people, you should find an hour or so spent with your public library's copy of **WEBSTER'S** second or third an illuminating experience. If still not convinced, you might settle for a good "collegiate" dictionary, like **WEBSTER'S NEW COLLEGIATE** or Harper's **AMERICAN COLLEGE DICTIONARY**.

NEW ROGET'S THESAURUS OF THE ENGLISH LANGUAGE IN DICTIONARY FORM. Rev. ed. Roget, Peter. Putnam. \$4.50.

This is a book of synonyms and antonyms arranged by subject. It is a valuable tool for the writer or for the person interested in words. The alphabetical index, comprising almost half the volume, is the key to the work. (Some readers may prefer

WEBSTER'S DICTIONARY OF SYNONYMS; its special feature is its explanations of the subtle differences between apparently synonymous words.)

COMPLETE SECRETARY'S HANDBOOK. Doris, Lillian and Besse M. Miller. Prentice-Hall. \$5.95 (text ed. \$4.45).

Perhaps the best single arbiter for those small but vexing problems, such as where to place the semicolon, how to set up a letter of application, and how to address a letter to the President of the United States.

FAMILIAR QUOTATIONS. 13th ed., completely rev. Bartlett, John. Little. \$10.00.

Books of quotations are a pleasure to browse through. Bartlett's—certainly the best known and probably the most useful—arranges extracts according to their authors and includes a "word index" which enables one to identify passages by looking up their important words. Another useful quotation book is by Burton Stevenson: it differs from Bartlett's in that it classifies its material under broad subject headings.

HOLY BIBLE. Rev. Standard Version. Nelson. \$9.00 (price varies depending on paper and binding).

In choosing a Bible one should consider (1) which version is most acceptable to his particular religious denomination, (2) which acceptable version is most suited to his particular needs. For many, the King James, or Authorized, version will be best, because it provides the text from which English-speaking people have for over three hundred years quoted. Among scholarly modern versions, the Revised Standard Version is, however, the one most likely to meet the needs of Protestant readers.

THE READER'S ENCYCLOPEDIA. Benét, William Rose, ed. Crowell. \$7.50.

To those who have used it, **THE READER'S ENCYCLOPEDIA** is about as indispensable as any book can claim to be. Its contents are wonderfully varied. Brief articles are included on authors, books, and characters; on literary terms; and on persons, places, institutions, doctrines, etc., often referred to in literature and literary criticisms. Besides these are many surprising items—a list of those who have been called "the Just," a list of

patron saints, and an article on some various uses (as in *Yankee Doodle*) of the term "macaroni."

READER'S DIGEST OF BOOKS.
Rev. ed. Keller, Helen Rex. Macmillan. \$6.95.

This digest contains synopses of outstanding works of fiction and non-fiction, representing many countries and periods. Brief evaluations are often included; these provide clues as to the value of particular works and to their place in intellectual history. Notice that the "supplement" constitutes over a third of the volume. Within each section synopses are arranged alphabetically by title. Author indexes to each section facilitate searches.

COMPLETE WORKS. 1 vol. ed. Shakespeare, William. Oxford. \$4.50 (text ed. \$3.00).

A complete Shakespeare has long been regarded as a necessity in the cultivated home. The edition cited is one of a number available. If there are children in the household, a complete edition of the *TALES FROM SHAKESPEARE* of Charles and Mary Lamb would also be a wise purchase.

HOME BOOK OF MODERN VERSE.
2d ed. Stevenson, Burton Egbert, ed. Holt. \$10.00.

An extremely "inclusive" collection, with selections not only from the major modern poets but also from many minor figures passed over in the average collection of Twentieth Century verse. The arrangement is by general subject—childhood, old age, love (in its various aspects), nature (also subdivided), and so on. This approach facilitates browsing and searches for poems according to subject matter: for the convenience of those making other approaches, indexes are included which enable one to find poems of which he knows authors, titles, or opening lines.

A similar collection is Stevenson's *HOME BOOK OF VERSE*, of which the *HOME BOOK OF MODERN VERSE* may be considered a supplement. For many households, both works would constitute wise investments.

TWENTIETH CENTURY AUTHORS, ed. by S. J. Kunitz and H. Haycraft. H. W. Wilson Co. \$8.50 (first suppl. \$8.00).

Longish articles on the major writers—American, English, Continental, etc.—of the present century.

Portraits are included and brief bibliographies are appended. In using this aid, keep two things in mind: (1) the "authors," far from being confined to writers of poetry, fiction, and drama, include many leading figures in philosophy, religion, history, social theory, and science; and (2) the supplementary volume brings more nearly up-to-date many articles in the main volume and includes articles on many writers omitted from the main volume.

ART THROUGH THE AGES. 4th ed. Gardner, Helen. Harcourt. \$9.50 (text ed. \$7.25).

An excellent illustrated history, covering not only painting and sculpture but also architecture and the so-called minor arts. The art forms of each major period are treated separately, with helpful summaries interspersed. A bibliography, a glossary, and an index contribute, as do the summaries, to making this a book for reference as well as for reading.

INTERNATIONAL CYCLOPEDIA OF MUSIC AND MUSICIANS, ed. by Oscar Thompson. 8th ed. Dodd. \$25.00.

The tremendous public interest in stereo and hi-fi as well as in actual performance (in choirs, bands, and the like—and in circles of friends equipped with recorders) makes reference works on music of particular interest. Thompson's cyclopedia is very broad in scope: it describes works, tells of composers' and performers' lives, explains musical terms, and discusses theory. Separate sections are included on plots of operas, on pronunciation, and on musical bibliography. The long articles on major topics are particularly noteworthy.

VAN NOSTRAND'S SCIENTIFIC ENCYCLOPEDIA. 3d ed. Van Nostrand. \$29.75.

Brief articles (copiously illustrated with photographs, drawings, maps, tables, and charts) on a multitude of topics in the pure and applied sciences. The presentation is such as to render the work useful both to the beginner and to the advanced student. The arrangement is alphabetical. Parents who received their education fifteen or more years ago may find that perusal of Van Nostrand will help them keep up with their children's scientific achievements!

MODERN HOME MEDICAL ADVISER, ed. by Morris Fishbein, M.D. Rev. ed. Doubleday. \$4.95.

One school of thought opposes the widespread use of medical reference works; but surely the intelligent layman will not rely on this or any medical reference work to the point that he neglects to consult a physician. The *MODERN HOME MEDICAL ADVISER* is an excellent source of information on a variety of medical topics ranging from descriptions of common syndromes through sickroom techniques to suggestions as to how to select a family doctor. A very copious index facilitates rapid finding of needed information.

YOUR CHILD FROM 1 TO 6. U. S. Department of Health, Education, and Welfare. Government Printing Office. \$20.

This authoritative pamphlet of almost 100 pages covers the five years during which one develops faster than during any other five years of his life. This best seller of the Children's Bureau is one of six pamphlets published by the Bureau and available from the U. S. Government Printing Office, Washington 25, D. C., at \$1.00 for the complete set: *PRENATAL CARE*, *INFANT CARE*, *YOUR WELL BABY*, *YOUR CHILD FROM 1 TO 6*, and *THE ADOLESCENT IN YOUR FAMILY*.

VOGUE. BOOK OF ETIQUETTE, A COMPLETE GUIDE TO TRADITIONAL FORMS AND MODERN USAGE, ed. by Millicent Fenwick. Simon and Schuster. \$6.50.

A reviewer in *TIME* wrote, not very politely, that the *VOGUE* etiquette book "makes Emily Post look like an aborigine." Not all will feel that Mrs. Fenwick altogether overshadows Emily Post and Amy Vanderbilt. Still, her book is a competent and remarkably complete treatment of its subject.

NEW COMPLETE HOYLE; AN ENCYCLOPEDIA OF RULES, PROCEDURES, MANNERS AND STRATEGY OF GAMES PLAYED WITH CARDS, DICE COUNTERS, BOARDS, WORDS, AND NUMBERS. Rev. ed. Frey, Richard L., ed. Doubleday. \$3.95.

An unrivalled work, with a self-explanatory title. Other *HOYLE*'s are available, from various publishers; the prospective buyer should compare so

Continued on Inside Back Cover



C. E. TUTTLE

C. E. TUTTLE, Baltimore industrialist and financier, died on October 6 at the age of 78, following a long illness. Preceding his hospitalization in Portland last April, Mr. Tuttle had been residing at his ranch in Prairie City, Oregon, where he was recuperating from surgery.

His home in Maryland was Caves Valley Farm in Garrison.

Mr. Tuttle was appointed in 1953 to a nine-year term as a member of the Board of Regents of the University of Maryland. In this position he served as chairman of several committees and prior to his illness was devoting much of his time to committees on planning for the expansion of the University. His interest in education was further served in obtaining for the University an experimental nuclear reactor, secured in 1961. He was also the Representative of the Board of Regents in connection with the University's Nuclear Program.

Mr. Tuttle's activities ranged from cattle ranching to investment banking, and have been, of his own making, a record of continuous success.

A native of Hastings, Minnesota, he attended the University of Minnesota for a time, leaving in 1904 to begin his business career.

In 1923, after having served in a number of positions, he became President and Chairman of the Board of Pittsburgh Terminal Railroad and Coal Company.

At this time he became interested in investment banking and, in particular, in the furthering of new industries. In 1928 he became Vice President and a director of Payson

and Company, a New York banking firm specializing in the financing of such enterprises.

He served in this capacity until 1936, when he became President and Chairman of the Board of the Rustless Iron and Steel Corporation. In 1929, this company, then in its infancy, was one of the enterprises which claimed his attention. Mr. Tuttle acquired a controlling interest in the company and assumed its management. In 1944, when he sold his interests to Arneo Corporation and relinquished the management, the firm had become the largest single producer of stainless steel in the world.

Mr. Tuttle became most active in the uranium field in 1957, when he organized and became President of Jen, Inc., one of the largest uranium producers of the world.

In addition to his many business enterprises, Mr. Tuttle was a member of Mr. Hoover's Special Advisory Committee when Mr. Hoover was Secretary of Commerce, and was an active member in the Republican Party. His club memberships included the Maryland, Greenspring Valley, Elkridge and Elkridge-Harford Hunt clubs in Maryland, and clubs in New York, Chicago, Pittsburgh and Salt Lake City. Until 1952, Mr. Tuttle had been a Director and Voting Trustee of the Maryland Jockey Club. His hobbies included hunting, fishing, riding, and flying. He is said to have flown over 50,000 miles a year.

Mr. Tuttle's wife, the former Amy Sterns of Hastings, Minnesota, died in 1940. He is survived by his daughter, Mrs. James F. Colwill of Halyon Farm in Lutherville, and by one grandson.

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THE ALUMNI DIARY

Peace on Earth, Good Will to Men!

WE HAVE COME ONCE AGAIN TO THE BEND IN THE ROAD. . . . A MOMENTARY pause between the yesterday and the tomorrow, the closing of an old year and the starting of a new. This is a time for reflection on assignments completed and tasks remaining.

This is a pleasant bend for now we find the time in a festive mood for the ready smile, the warm handshake, the joyful wish and those great expressions of gladness and cheer for all. Messages travel through the mails, across the lips, over the wires, and in radiant faces! In prose, poetry and song we say, "Peace on Earth, Good Will to *All* Men!"

For a fleeting moment we are certain that today there would be room in the Inn. There can be peace in the world. Men really are yearning to forget their differences, bury their prejudices and destroy their hate. This bend in the road is a thing of rare beauty. For the view behind is one of rich experience and ahead lies the highway of hope in a New Year.

The haunting thoughts of the past cannot dampen the desire of the strong to continue the journey. Out of the past come inspirational and commanding thoughts. The wise have said "It takes a strong man to be gentle, even though such strength is often costly." Another adds "Those who do not study history must experience it." There is also the continuing refrain "Be brave enough to know when you are afraid, and strong to know when you are weak."

It is at this point that we hold out the admonition that to summarize one's own faults produces friends for the individual and his cause. To emphasize the shortcomings of others is to guarantee enemies. It is easy to ask why men so readily forget pledges, promises and becoming attitudes. All of us can recall the sincerity of wishes freely given at the bend in the road. Often they seem in retrospect as only idle thoughts which filtered through the last sands of a dying year.

There are those who find the bend in the road a perfect place to be. Here they hesitate rather than take the step which would make them turn the corner. But this is no time to remain with the timid or the tired.

The road of another year lies ahead and it must be travelled. We who said "Peace on Earth" also said "Happy New Year" and meant it. The view ahead is bright. Together we strive for a new and limitless frontier, the unknown for which we have prepared through years of formal and practical education. Surely we will falter through the storm, but we will be reassured by an education that breeds confidence, tolerance and a desire to provide for the needs of others. The one asset of the uneducated is brute force, a force that must be harnessed and restricted by the educated.

In education lies faith, lies hope, lies understanding. Without it we are lost, and we dare not leave the security of the peaceful bend in the road. With it we can conquer all; we can bring peace to the world; hope to mankind; and freedom to unborn generations.

At the bend in the road we stand together to pray and say "Peace on Earth, Good Will to Men."

Sincerely,

DAVID L. BRIGHAM
Alumni Secretary



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF ACTIVITIES

DECEMBER

- 4 Basketball, Georgetown, Away.
- 8 Basketball, Duke, Away.
- 11 Basketball, North Carolina State, Home.
- 15 Basketball, Virginia, Away.
- 19 Christmas Program, College Park.
- 19 Basketball, Wake Forest, Home.
- 21 Christmas Recess Begins After Last Class.

JANUARY

- 3 Christmas Recess Ends.
- 5 Basketball, South Carolina, Home.
- 8 Basketball, George Washington, Home.
- 12 Basketball, Navy, Home.
- 14 Basketball, North Carolina, Home.
- 19 Basketball, North Carolina State, Away.
- 23 Pre-Examination Study Day.

FEBRUARY

- 1 Basketball, George Washington, Away.
- 4 Basketball, Georgetown, Home.
- 7 Basketball, North Carolina, Away.
- 9 Basketball, Clemson, Away.
- 11 Basketball, South Carolina, Away.
- 14 Basketball, Wake Forest, Away.
- 16 Basketball, Virginia, Home.
- 19 Basketball, Duke, Home.
- 23 Basketball, Clemson, Home.

Baltimore Convocation

Two physicians, one a Pakistan statesman and the other an American researcher, received honorary degrees on October 24 at the Fall Convocation of the School of Medicine, in the auditorium of the Health Sciences Library.

Lieutenant General Wajid Ali Burki, Special Assistant to the President of Pakistan, received an honorary doctor of laws degree, and Dr. Joseph Edwin Smadel, Chief of the Laboratory of Virology and Rickettsiology of the National Institutes of Health's Division of Biologic Standards, received an honorary doctor of science degree. Dr. Wilson H. Elkins, President of the University, conferred the degrees.

After introductory remarks by President Elkins, Mr. Charles P. McCormick, Chairman of the Board of Regents, and Dr. William S. Stone, Dean of the School of Medicine, General Burki delivered an address titled "World Medicine."

An ophthalmologist, General Burki served as Pakistan's Minister of Health,



Lieutenant General Wajid Ali Burki speaking at the Baltimore Convocation.

Social Welfare, and Labor from 1958 to early 1962. He has represented his country at Geneva conferences of the International Labor Organization and

also at the Congress of International Military Medicine and Pharmacy in Belgrade and Opatija.

(Continued on next page)



Two awards were presented to DAVE BRIGHAM on the occasion of the seventh anniversary of the television program *To Promote Good Will*. In the photograph to the left Mr. Brigham, moderator of WBAL-TV 11's award-winning program, accepts the certificate of distinguished Citizenship from Edmund C. Mester, Executive Assistant to THE HON. J. MILLARD TAWES. Looking on is HARRY E. HASSLINGER, President of the University Alumni Association. Presented at the conclusion of *To Promote Good Will* on October 28, the certificate read: "For service to the citizens of the State, consistent interest in the well-being of your fellow citizens as demonstrated by your outstanding activities in countless civic organizations, your exemplary leadership in The American Legion and your distinguished service to the University of Maryland, manifesting your ability and integrity and meriting



our trust and great respect." The certificate was signed by J. Millard Tawes, Governor of the State of Maryland.

Dave Brigham has been moderator of *To Promote Good Will* since its inception some seven years ago on Television 11. *To Promote Good Will* is seen each Sunday at 6:30 p.m.

The photograph to the right records another ceremony in which Station WBAL-TV presented life-sized Praying Hands to the four participants of this weekly, national, award-winning television presentation. Left to right are the REVEREND WILLIAM KAILER DUNN, Chaplain of the College of Notre Dame, DAVE BRIGHAM, Moderator, REVEREND DR. ABRAHAM SHUSTERMAN, Rabbi of the Har Sinai Congregation, and REVEREND DR. FREDERICK W. HELFER, Minister of the Christian Temple of Baltimore.

Baltimore Convocation

(Continued from preceding page)

He received his M.D. degree from St. Andrews University, Scotland in 1919 and was commissioned into the Indian Medical Service in 1926. When Pakistan was established he was appointed Deputy Director General of Medical Services of the Pakistan Army and in 1955 he advanced to Director General.

General Burki has done much to im-

prove medical education and community health conditions in Pakistan. He was instrumental in collaboration between the Government of Pakistan and the University of Maryland School of Medicine in establishing the International Center for Medical Research and Training at the Institute of Hygiene in Lahore, Pakistan.

Dr. Smadel has made many major contributions to the diagnosis, treatment, and prevention of rickettsial and viral diseases. An alumnus of the University

of Pennsylvania, he received his medical degree from Washington University School of Medicine, in St. Louis. His career of research in communicable diseases has included eight years at The Rockefeller Institute for Medical Research, four years in the Army in World War II, 10 years at the Walter Reed Army Institute, and the past six years at the National Institutes of Health, where since 1960 he has directed the Division of Biologic Standards' laboratory of

(Continued on page 19)



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AMERICA'S MUSICAL LIFE COMES OF AGE

“**H**ERR WAGNER, YOU ARE THE SILAS G. PRATT OF EUROPE.”* THUS SPOKE SILAS Gamaliel Pratt, American composer, to Richard Wagner on the occasion of a visit to Bayreuth in 1875. Pratt, a colorful Chicagoan more noted in the annals of American music for his energy and audacity than for his talent, was a man with ambition. It was his idea that by writing large symphonic works with titles such as *Paul Revere's Ride*, *The Battle of Manila*, and *The Triumph of Columbus* he could make himself the great American composer and produce for the first time a tradition of art music in his native land.

* Aaron Copland, *Our New Music*, Whittlesey House, N. Y., 1941.

by DR. H. BRYCE JORDAN, *Professor of Music, who recently served as a member of the faculty at the Salzburg Seminar in American Studies.*

UNFORTUNATELY HE WAS NOT ABLE TO DO ANYTHING of the sort. His music, like most of that composed by Americans of his time—even by those of much greater talent than he—was but a pale imitation of what was being written in Europe. The reasons for this state of musical affairs were simple enough. Our young society, just beginning to be relieved of the toils of conquering a frontier, had not yet created the professional environment or the public atmosphere which would bring about artistic independence. Good music was European music, and to experience it one either imported it or travelled to the Continent, usually to Germany.

Thus young Americans who wanted to be composers crossed the Atlantic in pursuit of their goal. From the middle of the century on, men such as John Knowles Paine (the first American whose music in the larger forms is still occasionally performed), George Whitefield Chadwick, Arthur B. Whiting, and Horatio Parker went to Munich, Berlin or Leipzig to acquire the skills which led to distinguished careers at home; and Edward MacDowell, perhaps the best American composer up to the time of his death in 1908, studied both in France and Germany.

Some of this first generation of professional composers served as teachers of a second generation, most of whom were born around the turn of the century. As their elders had done, however, many of these younger men ultimately went abroad for advanced instruction in their art. But it was not to Germany that they turned. The First World War had changed the American attitude. "Before the war," Aaron Copland has noted, "it was taken for granted that 'abroad' for composers meant Germany. But I belonged to the postwar generation, and so for me 'abroad' inevitably meant Paris."

So it was with other outstanding members of the second generation—Roy Harris, Walter Piston, and Virgil Thomson, for example; and younger Americans of great talent such as Samuel Barber, William Schuman, and Elliott Carter soon followed suit. Almost without exception, these men went to Paris to work with the remarkable Nadia Boulanger, a woman who continues even today to train many young composers from the United States. It is significant, however, that Boulanger's American pupils bear no particular French, or even European, imprint. Those with the requisite talent have gone on to develop their own individual styles.

Rome, too, has been a magnet for gifted Americans. Among others, Howard Hanson, Randall Thompson, and Roger Sessions worked there in the twenties under the auspices of the American Academy, beginning a tradition which continues to the present day. Like the Paris-trained group, these men have largely pursued their own ways of writing music.

Beginning with Copland's generation, then, the hold of German romanticism was broken, and musical life in the United States began to reach for a maturity which it had not known before.

Musical composition, however, was not the only aspect of musical life in the United States to be dominated by Europe until the twenties and thirties. The concert and operatic stages were similarly affected. Beginning in the 1840's, singers such as Jenny Lind and Henriette Sontag, and instrumentalists such as Sigismund Thalberg, Henri Vieuxtemps, and Ole Bull made triumphant and profitable tours of the country; and toward the end of the century, such personalities as Paderewski, Godowski, Hofmann, and

Schumann-Heink were the principal musical attractions. Unquestionably the lack of great American singers, pianists, and violinists in those times may be explained in the same way as the lack of an environment favorable to composers. The country was young and had been concerned with the forging of the elements of national power rather than with the training of artists.

While the situation began gradually to change in the present century (one thinks of the American singers Rosa Ponselle, Lawrence Tibbett, Mary Garden, and Emma Eames, for instance), the balance on the American concert and operatic stages was strongly in favor of the Europeans up to the beginning of the Second World War.

To an even greater extent than the concert and operatic stages, however, the podiums of American orchestras and opera companies have been occupied by Europeans. The traditions of our orchestras for precise and artistic playing and for programming of high quality were first built by such German-trained conductors as Karl Muck, who presided over the Boston Symphony Orchestra for ten years beginning in 1906; Theodore Thomas, who contributed much to the increasing quality of the New York Philharmonic in the seventies and eighties, as well as to the newly founded Chicago orchestra from 1891 to 1905; and Thomas's successor, Frederick Stock, who held the Chicago podium from 1905 to 1942. But perhaps the dominant figure among conductors in the United States was the Italian Arturo Toscanini. He began his American career at the Metropolitan Opera in 1907, and later conducted the New York Philharmonic and the N.B.C. Symphony Orchestra.

WORLD WAR II SEEMS TO HAVE BEEN THE GREAT dividing line in the history of American musical culture. As has been indicated, the ascendancy of European music, performers, and conductors was continuous and, for all practical purposes, complete through the 1930's. In 1945, native musical activity in the United States began to burgeon in all directions.

More American composers are now at work than ever before, and many of these men have received all or most of their professional education at home. Supported by foundations and by university teaching appointments, they are writing more music than can find performance under present conditions. Performances at home are increasing however, and our music is also finding an increasing audience in Europe. In 1959, for example, sixty-four American composers had about 650 foreign performances of their music. And the work of our elder statesmen—men such as Copland, Piston, and Sessions—while not yet staple fare on European concert programs, is well known there. The same can be said for the music of Barber, Schuman, and Carter.

Our country is also producing performers and conductors who are able to take their places among the world's artists. Van Cliburn, while he is only one of many superb young performers, has become a symbol of the fact that the American has "arrived" on the international musical scene. In concert halls and opera houses the world over American performers are warmly received. It comes as a surprise to learn that the Zurich opera, for example, has seventeen Americans on its roster.

While Europeans still preside over and contribute importantly to the stature of a number of our major orchestras, the post-war period has seen native conductors take over a number of the best symphonic ensembles in the country. Thor Johnson ably directed the Cincinnati orchestra for several years in the forties and fifties; Howard Mitchell has built a group of major dimension during his thirteen-year tenure as conductor of the National Symphony Orchestra; there are two Americans—Thomas Schippers and Lorin Maazel—on the conducting staff of the Metropolitan Opera; and the present musical director of the New York Philharmonic, the ebullient Mr. Bernstein, not only continues the superb traditions of that orchestra, but also provides brilliant instruction in the art of music listening to millions of television viewers.

Moreover, Americans control the musical destinies of orchestras away from the nation's largest population centers. The professional orchestras of Atlanta, Rochester, Dallas, San Antonio, and Seattle have natives at their helms, as do dozens of excellent semi-professional groups in smaller cities.

THE DEVELOPMENT OF SIGNIFICANT MUSICAL activity in the hinterlands of our country has perhaps been the most striking feature of our musical life since World War II. Representative of this new dimension of our culture is the fact that orchestras in Chattanooga, Tennessee, and Wichita Falls, Texas, have in recent years given world premiers of important compositions by internationally known composers. A work by Rolf Liebermann of Switzerland was first heard in Chat-

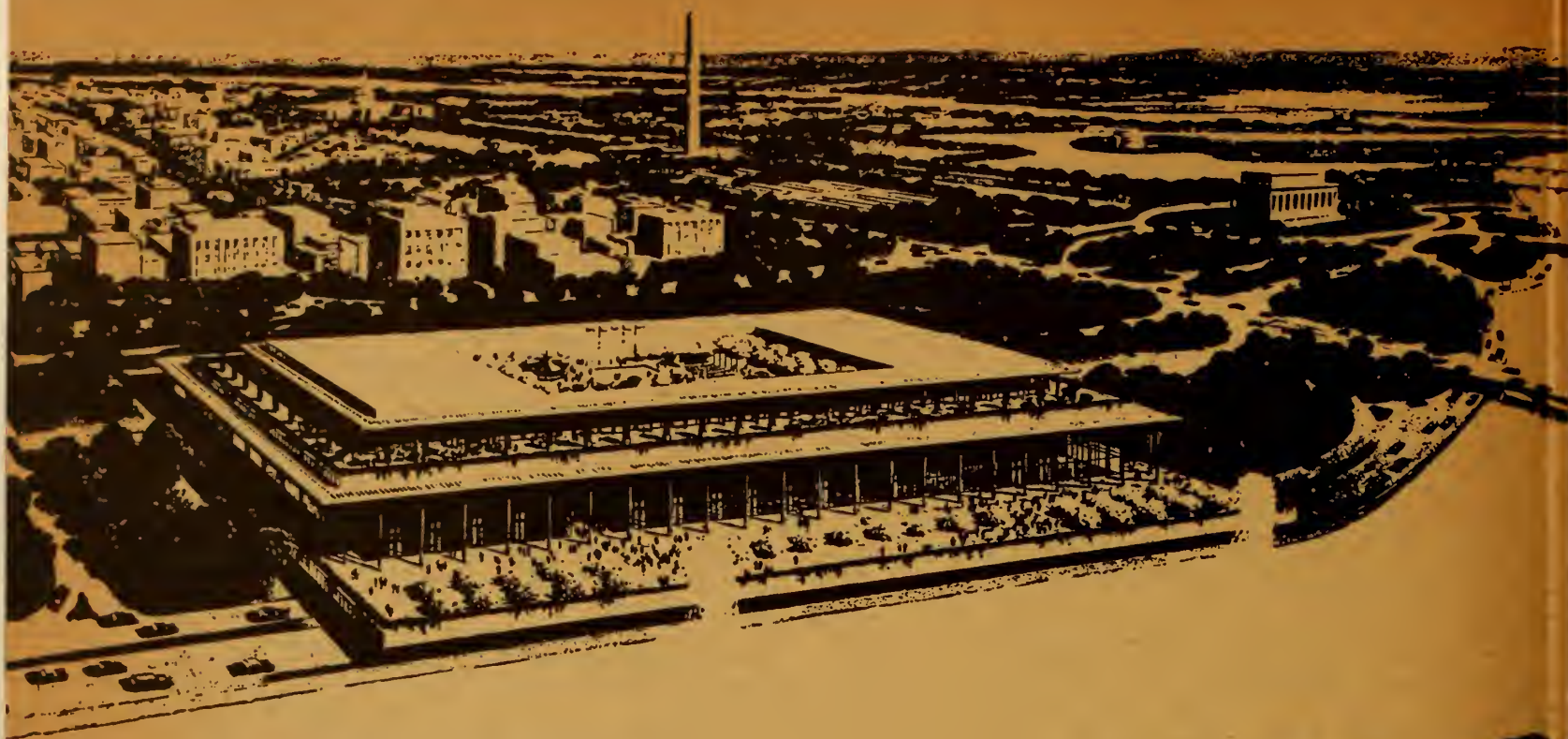
tanooga, while one by Alan Hovhaness of the United States first saw performance in Wichita Falls.

Further indication of the expanding musical horizons in what Menckcn once called a "Sahara of the Bozart" may be seen in the dozens of cultural centers and concert halls which are being built across the country. While New York is getting its Lincoln Center, Houston is planning its six million dollar Center for the Performing Arts. Moreover, such widespread and once isolated places as Odessa, Texas, Laramie, Wyoming, and Gadsden, Alabama, are building centers for arts. These halls will not only house performances by internationally famous artists and groups; they also will provide a place where excellent local orchestras, opera companies, chamber ensembles, and soloists may contribute to a newly and vastly enriched cultural life.

It is impossible to give a full explanation for our booming musical culture. Unquestionably, however, much of the force behind this "cultural revolution," as Jacques Barzun has called it, is economic. Money, usually channelled through some type of church or government subsidy, has been an important factor in vibrant musical environments wherever they have developed. Since neither of these kinds of support has ever existed to any extent in the United States, it has been necessary for our large-scale musical enterprises such as symphony orchestras and opera companies to depend upon box office receipts, endowments, and public contributions; and these have usually proven inadequate. Scarcely an orchestra or opera company ends its season without a deficit, which is usually made up by public-spirited patrons.

Opening night at Philharmonic Hall, Lincoln Center for the performing arts.





Exterior perspective of the proposed national cultural center, Washington, D.C.

Still another source of financial aid is what one writer has referred to as "Medici for Our Time"—the foundations. These organizations, created for the purpose of dispersing for good causes vast portions of the private fortunes accumulated from the profits of our country's industrial empires, have shown good judgment and great imagination in the manner in which they have encouraged musical activity. The Ford, Rockefeller, Fromm, Koussevitsky, Ditson, Coolidge, and Whittall Foundations, among others, have financed the commissioning of hundreds of new American works. The Rockefeller Foundation has provided hundreds of thousands of dollars to one of the so-called "minor" orchestras—the Louisville group—not only for the commissioning but also for the recording of new works by both American and foreign composers. The Ford Foundation pays the salaries of "composers in residence" in various public schools systems. The Alice M. Ditson Fund subsidizes professional recordings of new works which are not commercially attractive. The list might go on and on.

Another recently emergent and highly important facet of American musical life is found in the universities and colleges. While institutions such as Harvard and Yale, as well as two or three of the larger state universities, have for many years played important roles both in educating musicians and in providing a source of musical activity, the conservatories trained most of our professional musicians prior to the Second World War. Since the war, however, university and college musical life has increased manyfold, particularly in the state-supported institutions. At least forty buildings have been built to house college and university musical activities and instruction since 1945. These facilities have in some cases cost as much as six million dollars. Musical faculties have been greatly increased, and now include many of the country's finest per-

formers and composers. At the University of Illinois, for example, the music faculty numbers more than sixty, including three nationally known composers and one of the country's best string quartets.

The trend toward the university-based, professional chamber ensemble has been particularly striking in the last fifteen years. Typical of these groups, the members of which teach as well as provide a series of concerts on their respective campuses, are: the Lenox Quartet of Grinnell College; the Stanley Quartet of the University of Michigan; the Paganini Quartet of the University of California at Santa Barbara; the University of North Carolina String Quartet; the University of Alabama String Quartet; and the recently formed University Trio at the University of Maryland.

Musical life in the United States is not yet utopian, but it has achieved a level never before equalled in our history. It has for the most part ceased to depend for sustenance on the other great musical cultures of the world, and it has reached the point where it can exchange its music and its performers with those of other countries without fear of unfavorable comparison.

While the increased stature of American music and musicians abroad should be a source of great pride to us all, there is a more fundamental indication of our growing musical maturity—the increasing refinement of public taste. It is not without significance that almost 11,000 hours of concert music are programmed on our radio stations every week, that sales of serious music account for thirty-five to forty percent of the recording industry's total business, or that attendance at concerts will total more than thirty million this year. Such interest on the part of the public will always be the best indication that music is a vital part of our Nation's cultural life.

ALUMNI NOTES

virology and rickettsiology. He has made important contributions to every disease problem that he has studied, including smallpox, influenza, encephalitis, poliomyelitis, and typhus fever.

The fall convocation marked the 150th anniversary of Davidge Hall, a center for the medical education of Maryland physicians since its opening in the fall of 1812.

Baltimore Alumni Club

The second annual oyster roast sponsored by The University of Maryland Alumni Club of Greater Baltimore was held Nov. 16. Dr. William H. Triplett, Club Secretary-Treasurer, was Chairman of the event. Assisting Dr. Triplett was Second Vice President, Arthur Van Reuth.

In addition to the traditional Oyster Roast menu, entertainment was provided by the Club's members who organized impromptu quartets. The quartets judged best were awarded novel prizes. A substantial quantity of door prizes were distributed among all those present.

Other officers of the club are John Lampe, President; Sam A. Goldstein, 1st Vice President; and Dr. Edward Stone, 3rd Vice President.

M Club Banquet to Honor Justice White

The 12th annual M Club Banquet to honor outstanding athletes of The University of Maryland and other notable contributors to the development and furtherance of sports activities will be held on Saturday night, December 8, in the Statler-Hilton's Presidential Ballroom, Washington, D. C.

The formal announcement was made by Dr. E. Lawrence Smallwood, President of the M Club.

More than a dozen awards will be bestowed upon University standouts, both players and coaches, in practically all areas of sports endeavor.

The M Club also names a coterie of former athletic stars to the State of Maryland Athletic Hall of Fame; it presents a coveted Sports Achievement Award to a nationally-recognized present-day athlete; bestows Honorary M Club Memberships to a selected few; and names a "Distinguished Citizen" to receive its highest award.

Dr. H. C. "Curly" Byrd, former President of The University of Maryland, was named to receive last year's "Distinguished Citizen" award.

Banquet Chairman Robert P. DeStefano (Class of '53), former Univer-

sity of Maryland quarterback, announced that this year's recipient will be The Honorable Byron R. White, Associate Justice, Supreme Court of the United States.

Popularly known as "Whizzer" White, Justice White was one of the great athletes of his time while an undergraduate at the University of Colorado. A star passer, punter and runner for three seasons (1935-36-37), he led all major college backs in both scoring and rushing in his senior year, with 16 TDs, 23 points after touchdown and one field goal, for a total of 122 points.

He was named to his post as Supreme Court Justice in April of this year by President Kennedy.

In addition to the M Club Honor, Justice White on December 4 will become the first member of the Football Hall of Fame (he was elected in 1954) to receive the National Football Foundation's Gold Medal Award for outstanding contributions to football. It will be presented at the Foundation's banquet in New York City.

Tickets for the M Club Banquet may be obtained by writing to the M Club, Box 273, College Park, Maryland, or by calling George W. Knepley, STerling 3-5225 (Washington, D. C.).

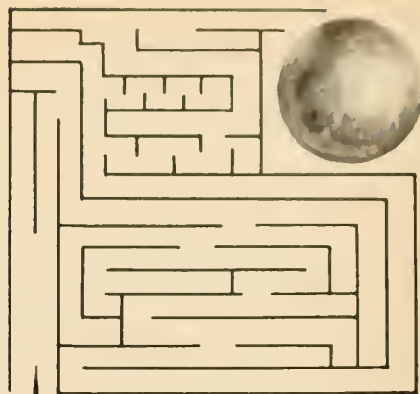
\$174,021 Contributed to Fund

A total of \$174,021 was contributed this past year to the University of Maryland through The Greater University of Maryland Fund, the annual alumni giving program.

In the fifth annual report and honor roll of the Fund program, Chairman Albert E. Goldstein and National Canvass Chairman Howard Filbert reported that 3,628 contributions were made to the University for its library projects, student-aid funds, special educational programs, research, and the Distinguished Faculty Program.

In the published report, Goldstein and Filbert said that "our sponsors have worked hard and alumni have responded in great numbers to provide new funds to help our school meet new responsibilities."

Contributions in the recently-ended campaign fall into the following major categories: approximately \$109,000 for research and the Distinguished Faculty Program—funds under this program are used by faculty members for advanced degrees, research projects, special seminars and the like — approximately \$33,000 for student-aid funds, and approximately \$28,500 for unrestricted purposes which will be allocated by the Board of Regents among the Fund's projects.



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Through The Years

We plan to present this feature "Through the Years" as a regular section of MARYLAND MAGAZINE. Insofar as possible current information concerning our Alumni will be contained in these columns. Those who served for many years as our school and college editors will still be providing items for this section. Much news will be gleaned from Alumni History Records submitted to our members from time to time. This section will always welcome notes from our readers giving us word on the accomplishments, activities, locations, and personal notes. We welcome your reaction and your assistance. It is our hope every reader will also be a reporter.

1895-1919

ROLAND L. HARRISON, Agr. '95, retired Senior Topographic Engineer for the U. S. Geol. Survey. Mr. Harrison is living in Arlington, Virginia, and was active at Homecoming this year.

MAHLON N. HAINES, Agr. '96, died October 31, 1962, at 87. Col. Haines was known as the "Shoe Wizard" of York, Pennsylvania.

CHARLES WILLIAM ZIMMERMANN, LL.B. '96, of Baltimore, is retired as the clerk of the U. S. District Court of Maryland.

OTTO SCHOENRICH, LL.B. '97, has been a member of the law firm of Curtis, Mallet-Prevost, Colt & Mosle in New York since 1916. Mr. Schoenrich spent several years as an advisor to various Latin American governmental agencies.

HARRY T. WELTY, Agr. '97, has retired as Engineer of Structures for the New York Central Railroad. Mr. Welty also received degrees from the Case Institute of Technology. He is living in Bronxville, New York.

DR. JOHN HENRY DOYLE, M.D. '02, has retired from the practice of medicine and is living in North Dighton, Mass. Dr. Doyle also studied medicine at the University of Vienna.

LUTHER E. MACKALL, A.S. '02, LL.B. '05, of New York City has retired.

DR. J. A. MCMURDO, D.D.S. '02, is retired from the practice of dentistry and is living in Prince Edward Island, Canada.

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DR. C. MELVIN COON, M.D. '03, is still engaged in the general practice of medicine in Milan, Pennsylvania.

DR. ALFRED N. MOORE, M.D. '03, is practicing medicine in Oakland, Illinois.

D. EDWARD BROWN, Agr. '04, is retired after nearly 45 years with the U. S. Department of Agriculture. Mr. Brown was the Principal Scientific Aid in charge of the Tobacco Experiment Station at Upper Marlboro until his retirement in 1949.

DR. FREDERICK W. GETTIER, D.D.S. '04, of Baltimore, is a practicing dentist. Dr. Gettier specialized in prosthesis at the Baltimore College of Dental Surgery.

WILLIAM LESLIE PROUT, LL.B. '04, retired from the practice of law in 1959. Mr. Prout practiced law for over forty years in Baltimore where he still resides.

DR. KARL P. HEINTZ, D.D.S. '05, is living in semi-retirement in Cumberland after practicing dentistry for 56 years.

DR. OREL NATHAN CHAFFEE, M.D. '06, is a physician in Erie, Pennsylvania. Dr. Chaffee has been President of the County Medical Society.

DR. FRANK J. BROSCART, M.D. '11, retired as Chief Radiologist for Montgomery General Hospital in 1962 after 33 years. Dr. Brosehart is residing in Gaithersburg, Maryland, and is still engaged in general practice.

DR. HOWARD E. HARMAN, M.D. '11, is retired from the practice of medicine. Dr. Harman is living in Chillieothe, Ohio.

DR. EDWARD H. BENSON, M.D. '16, of Kingsville, Maryland is retired from practicing medicine.

DR. ISRAEL J. FEINGLOS, M.D. '16, is in general practice in Baltimore.

DR. HERBERT L. SHINN, M.D. '17, of Matthews, Virginia is engaged in the general practice of medicine.

DANIEL E. SMITH, LL.B. '17, retired in 1961 as the Chief Legal Member of the Board of Veterans Appeals of the Veterans Administration. Mr. Smith is living in Washington, D. C.

DR. LANG W. ANDERSON, M.D. '18, is retired from the position of Chief of Urology at Wilmington General Hospital. Dr. Anderson has published several works in the field of Urology. He is living in Williston, South Carolina.

GEORGE W. NORRIS, Agr. '19, is retired as a teacher and County Agent. He boasts four children, 14 grandchildren and two great-grandchildren as well as four prize ribbons for his spare-time oil paintings.

1920-1929

BESSIE MASTON ARNURIUS, Nurs. '20, of Towson, Maryland, was an Industrial Nurse for the B&O RR for nearly 35 years. Mrs. Arnurius keeps tabs on the roster of the Nurses Alumnae Association.

(Continued on next page)

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DR. NATHAN J. DAVIDOV, M.D. '20, is in general practice and on the staff of two Baltimore hospitals. Dr. Davidov is a former Instructor at the University Medical School.

DR. W. K. MCGILL, M.D. '20, is practicing medicine and residing in Clover, South Carolina.

DR. HANSON T. PERKINS, A&S '20, is now retired in Washington, D. C., after serving 33 years with the Federal government. He was the Chief Medical Officer of the Veterans Administration Medical Service.

JAMES E. DINGMAN, Engr. '21, is the Executive Vice President of American Tel. and Tel. Mr. Dingman was awarded an Honorary Doctor of Engineering degree from the University in 1960. He was most instrumental in the Telstar project and is living in Summit, New Jersey.

W. CLAYTON JESTER, Sr., Agr. '21, of Biglerville, Pennsylvania, is retired after serving as a County Agent and Administrative Officer with the U. S. Department of Agriculture.

JOSEPH G. READING, Engr. '21, of Gastonia, North Carolina, is the Executive Vice President and Vice Chairman of the Board of the First Union National Bank of North Carolina.

DR. SOLOMON SHERMAN, M.D. '21, is a practicing physician in Baltimore, Maryland.

A. W. HINES, Engr. '22, is the Vice President and Treasurer of the Prescott Construction Company, Inc. of Washington, D. C. Mr. Hines has served with the North Carolina State Highway Commission and the U. S. Bureau of Indian Affairs. He lives in Gaithersburg, Maryland.

HERBERT D. GILBERT, A&S '22, has recently retired after 40 years with the Raybestos-Manhattan Company as a chemist and sales engineer. Mr. Gilbert is living in Pittsburgh, Pennsylvania.

DR. HERBERT GORDON, M.D. '22, is practicing medicine. He resides in Arverne, L.I., New York.

DR. LOUIS NOLL, M.D. '22, is a practicing physician in Irvington, New Jersey.

MASON C. ALBRITAIN, Engr. '23, is the Vice President and General Sales Manager of the Baltimore Gas and Electric Company. He is living in Baltimore.

MORRIS J. BALDWIN, Engr. '23, of Erie, Pennsylvania, is Senior Engineer for the General Electric Company in Erie. Mr. Baldwin has been an electrical engineer with G. E. since leaving school.

JOHN MAHSHALL NEEL, (LL.B.) '23, is in the legal profession. Mr. Neel lives in Baltimore.

DR. ALBERT L. ANDERSON, M.D. '24, is a general surgeon in private practice living in Annapolis.

ROBERT E. COUGHLAN, JR., LL.B. '24, is the senior partner in a Baltimore law firm. Mr. Coughlan has written two books on Workman's Compensation.

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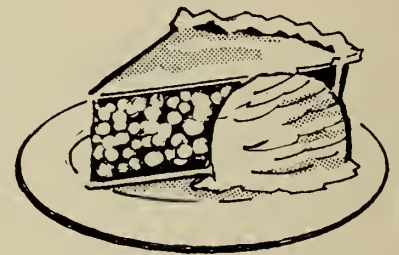


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DR. MARCUS H. GREIFINGER, M.D. '24, is living in Newark, New Jersey. Dr. Greifinger is a surgeon.

DR. ISADORE PACHTMAN, M.D. '24, is an ophthalmologist. Dr. Paechtman lives in Pittsburgh.

HON. JOSEPH L. CARTER, LL.B. '25, of Baltimore is an Associate Judge of the Supreme Bench of Baltimore City.

DR. JACOB L. DRESKIN, M.D. '25, is a practicing proctologist living in Newark, New Jersey. In addition to his other duties, Dr. Dreskin is the Medical Director for Bamberger's New Jersey Department Stores.

EDWARD F. JUSKA, A&S '25, is a counselor at law. Mr. Juska is living in Long Branch, New Jersey.

DR. AND MRS. PAUL R. WILSON, M.D. '25, live in Piedmont, West Virginia. Dr. Wilson is a physician. Mrs. Wilson, the former Marie Davis, is a graduate of the School of Nursing, 1924. Two daughters, Joanne and Rosemary, are also alumnae of the University.

DR. PAUL EANET, M.D. '26, of Washington, D. C., is a practicing physician. His son, LAWRENCE J. EANET, M.D., is completing his residency in permatology.

F. HAROLD LEWIS, Pharm. '26, is a pharmacist at Shures Drug Store. Mr. Lewis lives in Baltimore and is a prolific poet.

CLATER W. SMITH, LL.B. '26, is the senior partner in the law firm of Smith, Somerville and Case. Mr. Smith lives in Baltimore.

WILLIAM E. TRAIL, D.D.S. '26, is practicing dentistry half-time in Lisbon, Maryland. In addition to practicing dentistry for 34 years, Dr. Trail found time to operate two farms. He is Chairman of the American College of Dentists.

WILLIAM P. BEATTY, Edue. '27, is a history teacher and Athletic Director living in Long Branch, New Jersey. Mr. Beatty has two children. His son Paul is a senior at the University.

A. E. COAKLEY, Pharm. '27, is the Washington representative of Pfizer Laboratories. Mr. Coakley lives in Washington, D. C.

DR. BRICE M. DORSEY, D.D.S. '27, is a professor and Department Head of the Department of Oral Surgery of the University of Maryland Dental School. Dr. Dorsey lives in Annapolis. He has written numerous articles in the field of dentistry and belongs to many dental societies.

REV. CECIL LOY PROPST, A&S '27, is Pastor of Epiphany Lutheran Church in Alexandria, Virginia. Rev. Propst studied theology at Capital University. He was an Army Chaplain from 1940 to 1945. He then became an Air Force Chaplain and retired as a Colonel in 1960.

DR. G. H. DANA, D.D.S. '28, is a practicing dentist. Dr. Dana lives in Chestertown, Maryland.

(Continued on next page)

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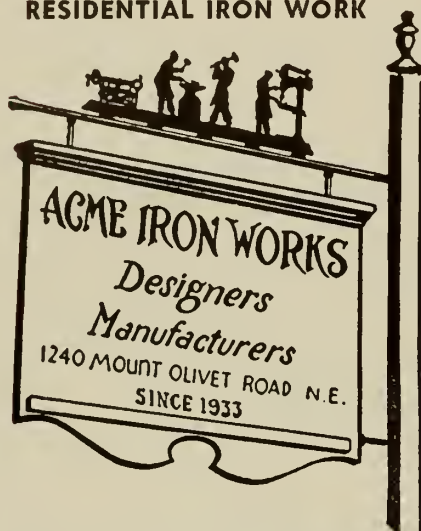
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DR. I. B. GOLBORO, D.D.S. '28, is the President of the Southern Galvanizing Company. Dr. Golboro lives in Pikesville, Maryland.

ELMER H. REHBERGER, Engr. '28, lives in Alexandria, Virginia and is a Highway Planning Engineer for the U. S. Bureau of Public Roads.

DR. DAVID B. SILVERMAN, D.D.S. '28, is practicing dentistry in Roanoke, Virginia. Two of Dr. Silverman's three children have attended the University.

ISADOR M. COHEN, Pharm. '29, is the Assistant Manager of the Citizens Loan Company. He is residing in Huntington, West Virginia.

GEORGE C. OLAND, A&S '29, is a company vice president and chemist. He lives in Caldwell, New Jersey.

DR. PAUL ARLINGTON REEDER, M.D. '29, is engaged in the general practice of medicine. He is living in Barnesville, Ohio.

BENJAMIN STRINER, Pharm. '29, of Silver Spring, Maryland, is the President of Striner Enterprises.

1930-1939

WILLIAM L. HOPKINS, BPA '30, of Fair Haven, New Jersey, is the International Sales Manager of the Bendix Corporation. Hoppy has three sons: William L., Jr., graduated from Maryland in 1961. John M. is in the Air Force, and Robert L. is attending Maryland now.

DR. IRVING SCHEIN, D.D.S. '30, is a practicing dentist in East Orange, New Jersey. Dr. Schein has been an active officer in the Alumni Club of Greater New York, and has done a great deal of work on mouth guards for contact sports.

DR. AARON SETH WERNER, M.D. '30, of Brooklyn, New York, is a practicing physician and surgeon. Dr. Werner has three children. Edward C. Werner is a fourth year student at Maryland.

W. LESTER BRUNETT, Pharm. '31, is a pharmacist and store manager at the Metro Riverdale Pharmacy. Mr. Brunnett lives in Hyattsville, Maryland.

DR. SIMON DUCKMAN, A&S '31, of Rockaway Park, New York, is a practicing physician. He received his medical degree from Columbia and is currently the Director of the Department of Obstetrics and Gynecology of the Brooklyn Hospital.

DR. SOL ROSEN, M.D. '35, A&S '31, is a practicing physician. He lives in Millville, New Jersey.

G. E. TAYLOR, Engr. '31, is a civil engineer associate. Mr. Taylor is living in Severna Park, Maryland.

DR. SAMUEL H. BRYANT, D.D.S. '32, is a dentist in Baltimore. Dr. Bryant did his undergraduate work at Western Maryland. He has been active in Alumni work and served for several years on the Alumni Council.

DR. JOSEPH D. GITLIN, D.D.S. '32, is living in New London, Conn. Dr. Gitlin is a practicing dentist, and his son Paul is a member of the Class of 1966, University of Maryland.

MARGARET BOWEN ROSE, A&S '32, Nurs. '36, is a staff nurse at Leland Memorial Hospital in Riverdale, Maryland. Miss Rose was an Army Nurse during World War II.

DR. SYDNEY H. SHAPIRO, A&S '32, M.D. '35, is a practicing physician. He is living in Irvington, New Jersey.

DR. M. MARVIN COHEN, M.D. '35, is practicing medicine. A resident of Paterson, New Jersey, his son, Stephen, is a senior in the University's School of Medicine, and his daughter, Marjorie, is a freshman at College Park.

FRED V. GRAU, Agr. '33, of College Park, Maryland, is the owner of Grasslyn as well as a consultant for the Hercules Powder Company. Dr. Grau received his Ph.D. in Ecology in 1935.

MRS. ANDREW KOVAT, M.A. '33, the former Katherine Arends, is a teacher at Gordon Jr. High School in Washington, D. C. Mrs. Kovat did her undergraduate work at George Washington University. She is living in Hyattsville, Maryland.

PAUL ALEXANDER WILLHIDE, Educ. '33, retired in 1961 after 46 years with the Department of Education, Baltimore. He was the Principal of the Vocational Jr. High School. He is living in Baltimore.

ROLFE L. ALLEN, A&S '34, is the Educational Adviser to the Deputy Chief of Staff for Military Operations, Department of the Army. Dr. Allen received his M.A. in 1935 and his Ph.D. in 1937 from the University. He has written various works in the field of military education and training.

DR. L. W. BIMESTEFER, D.D.S. '34, is a practicing dentist. He is living in Baltimore.

DR. MORRIS ROSEN, M.D. '34, is a physician specializing in ophthalmology. He resides in Philadelphia. Dr. Rosen has two children.

JACOB B. SCLAR, BPA '34, is a self-employed business analyst and consultant. A resident of Silver Spring, Maryland, Mr. Sclar is also a member of the Alumni Council.

DR. SAMUEL DIENER, M.D. '34, is practicing medicine. Dr. Diener also received his degree in pharmacy from the University of Maryland in 1930. He lives in Washington. His daughter, Mrs. Ina Sue Applestein, graduated from the University in 1960.

DR. CASIMIR F. GOLUBIEWSKI, D.D.S. '35, is in the general practice of dentistry. Dr. Golubiewski lives in Bayonne, New Jersey, and has two children.

DR. ARTHUR JORDON, D.D.S. '35, is a practicing dentist. He lives in Cranston, Rhode Island, and has three children.

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ROBERT A. PECK, A&S '35, is the President of Bob Peck, Chevrolet. Mr. Peck lives in Arlington, Virginia.

HERBERT H. ROSENBAUM, A&S '35, of Baltimore, is a practicing lawyer. He received his law degree from Harvard and has been a judge of the Traffic Court of Baltimore.

DR. JAMES L. CORTHOUTS, D.D.S. '36, is the proprietor of Corthouts' Dental Parlors. Dr. Corthouts lives in Hartford, Conn. He is a Past Grand Knight, K. of C., and the father of eight children.

MR. AND MRS. WILBUR I. DUVALL, Educ. '36, A&S '45, are living in Silver Spring, Md. Mrs. Duvall is the former Mary Angela Aiello. Mr. Duvall is a physicist with the U. S. Bureau of Mines. They have four children.

DR. SAMUEL STEINBERG, M.D. '36, is a practicing physician in Philadelphia. Dr. Steinberg has three children. Daughter Carolyn is a chemistry major at the University of Maryland, Class of 1966.

WILLIAM WILSON WILLIAMS, A&S '36, of New York City, is the Manager of Technical Development of the General Aniline and Film Corporation. Dr. Williams received his PH.D. from Illinois in 1939 and has over 40 patents to his credit.

DR. HARRY AKS, D.D.S. '37, is a practicing dentist. Dr. Aks lives in Arlington, Virginia, and has three children.

DR. SIMON G. MARKOS, D.D.S. '37, is a practicing dentist in Dover, New Hampshire. Dr. Markos has three children and is the past Mayor of Dover. He is the President-elect of the New Hampshire Dental Society.

DR. AND MRS. ELTON RESNICK, M.D. '37, Pharm. '37, are living in Wilmington, Delaware. Dr. Resnick is a physician, and Mrs. Resnick, the former Ruth Weisberg, has given up pharmacy for three children.

DR. JACK SHOBIN, D.D.S. '37, is a practicing dentist. Dr. Shobin has three children and lives in Baltimore.

DR. MILTON B. ASBELL, D.D.S. '38, is a practicing dentist specializing in orthodontics. Among his many offices, Dr. Asbell has been the historian for the University of Maryland Dental School. He has two children and lives in Camden, New Jersey.

MALCOLM COLLISON, Engr. '38, is a Consulting Mechanical Engineer and Assistant Mechanical and Construction Superintendent. He lives in Flin Flon, Manitoba, Canada, with his wife and two daughters.

FRANK S. PUCKLIS, Pharm. '38, is a pharmacist at the Greenway Pharmacy in Baltimore. Mr. Pucklis has three children and is active in the Pharmacy Alumni Association.

COL. JOHN LOGAN SCHUTZ, Agr. '38, is Chief of Staff, Headquarters Corps, Fort Hayes, Columbus, Ohio. Col. Schutz received his M.S. in 1940. He has three children.



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VAN S. ASHMUN, Engr. '39, is the owner of the Eagle Company, Inc. Mr. Ashmun has four children and lives in Lincoln, Nebraska.

SAMUEL B. MCFARLANE, A&S '39, a chemistry major, is the Vice President for Research and Development for the Sun Chemical Corporation of New York. Mr. McFarlane lives in Summit, New Jersey, with his wife and three daughters.

GEORGE E. SEELEY, Engr. '39, is the Vice President of the Branford Wire & Manufacturing Company of North Haven, Conn. Mr. Seeley lives in Cheshire, Conn.

1940-1949

EDWARD J. DOUGHERTY, Agr. '40, is an Associate Engineer with the Maryland State Roads Commission. Mr. Dougherty lives in Baltimore.

HARRY G. GALLAGHER, Engr. '40, is a Project Engineer with Bigelow-Sanford, Inc., of Thompsonville, Conn. Mr. Gallagher has two children and lives in Suffield, Conn.

THOMAS H. HEDRICK, LL.B. '40, is an attorney at law in Baltimore. Mr. Hendrick has served in the Maryland House of Delegates from 1955 to 1962.

DR. WILLIAM R. PLATT, M.D. '40, is a pathologist at the Missouri Baptist Hospital and an Assistant Professor of Pathology at Washington University. Dr. Platt lives in St. Louis and has three children. He has been a prolific writer in the field of medicine.

HERBERT O. ABURN, JR., Engr. '41, is an Aeronautical Engineer for the Bureau of Naval Weapons of the U. S. Department of the Navy. Mr. Aburn lives in Arlington with his wife and daughter.

DR. CHARLES PHELPS BARNETT, M.D. '41, is an Associate Pathologist at the Geisinger Medical Center. Dr. Barnett has five children and lives in Danville, Pa.

COL. CARL A. SACHS, Agr. '41, is a Marine Corps Officer serving on the faculty of the Armed Forces Staff College. Col. Sachs has three children and lives in Norfolk, Virginia. His son Carl, Jr., is attending the University of Maryland.

DR. LESTER A. WALL, JR., M.D. '41, is a practicing physician. Dr. Wall has three children and lives in Baltimore.

DR. JOSEPH G. BIRD, M.D. '42, PH.D. '49, is the Director of Clinical Pharmacology. He also received his PH.D. in pharmacology from the University of Maryland in 1949. Dr. Bird has taught at the University School of Medicine and is living in East Greenbush, New York. He has three children.

MAXWELL B. FLEEK, A&S '42, is the Headquarters Buyer for the Central Purchasing Department of the Celanese Corporation of America in Charlotte,

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North Carolina. Mr. Fleek has two sons and lives in Rock Hill, South Carolina.

DR. LOY M. ZIMMERMAN, M.D. '42, A&S '39, is a practicing physician. He lives with his wife and five children in Baltimore.

DR. P. EDWARD CAPALBO, D.D.S. '43, is a practicing dentist. Dr. Capalbo lives in Westerly, Rhode Island. He has three children.

HOWARD L. KELLER, Engr. '43, is a Consulting Engineer and owner of H. L. Keller and Associates. Mr. Keller lives in Hyattsville, Maryland, with his wife and two sons.

DR. ALBERT A. REITMAN, D.D.S. '43, is a practicing dentist specializing in orthodontics. Dr. Reitman has three children and lives in Garden City, New York.

NATHAN SCHWARTZ, Pharm. '43, is the President of Nat-Lee Enterprises, Inc. Mr. Schwartz lives in Annapolis with his wife and two children.

DR. ARNOLD H. CASTALINE, D.D.S. '44, is a practicing dentist in Dorchester, Mass. Dr. Castaline has two sons.

DR. THEODORE GORFINE, D.D.S. '44, is a practicing dentist in Cambridge, Mass. Dr. Gorfine has written articles for *Dental Survey*.

DR. A. DAVID SCHWARTZ, M.D. '44, is a surgeon living in Spring Valley, New York. Dr. Schwartz has four children.

MR. AND MRS. PHILIP W. BREWER, Engr. '45, H.Ec. '46, live in Silver Spring, Maryland, with their two children. Mrs. Brewer is the former ELIZABETH M. WYNN. Mr. Brewer is a Radiological Safety Engineer in the Nuclear Power Division of the Bureau of Yards and Docks.

MRS. LESTER ELLIN, Educ. '45, the former Carol Bernstein, is a housewife in Baltimore. Mrs. Ellin has two children.

MRS. H. ELIZABETH B. SHANK, A&S '45, the former ELIZABETH BROWN, is the owner and manager of the George W. Brown Insurance Agency in Cumberland, Maryland.

DR. JAMES L. TRONE, JR., D.D.S. '45, is a practicing dentist. Dr. Trone lives in Havre de Grace, Maryland, with his wife and five children.

MARTHA LOVELL ADAMS, M.S. A&S '52, is a research Analytical Chemist at the Aberdeen Proving Ground. Miss Adams did her undergraduate work at William and Mary.

DR. ALVIN LIFTIG, D.D.S. '46, is a practicing dentist in Avon, Conn., where he lives with his wife and two sons. Dr. Liftig is an avid amateur radio ham.

DR. JEROME D. NATARO, M.D. '46, is a physician in Syosset, New York. Dr. Nataro is a ear, nose and throat specialist. He has four children.

EVA M. POPP, Nurs. '46, is engaged in private duty nursing. Miss Popp lives in Baltimore.

DR. JAMES P. GILL, D.D.S. '47, practices dentistry in Warwick, Rhode Island. Dr. Gill has four children.

MRS. MILDRED W. GOING, A&S '47, the former MILDRED WIKER, is an Associate Mathematician at the Johns Hopkins Applied Physics Lab. Mrs. Going received her M.A. from the University in 1949.

ROBERT F. SCHMIDT, Educ. '47, is the Principal at the Alieia Crossland Junior-Senior High School. Mr. Schmidt received his M.ED. from the University in 1950. He lives in Baltimore and has two daughters.

JACQUELINE GOUGE, Educ. '48, is the Assistant Chief of Publications for the Department of the Interior. Miss Gouge lives in Mt. Rainier, Maryland.

CHARLES H. RIDDLE, JR., Engr. '48, is a self-employed engineer. Mr. Riddle has two children and lives in Kensington, Md.

MRS. HORTENSE B. TEGLER, Nurs. '48, the former J. HORTENSE BUNTING, is a private duty nurse and part-time school nurse. Mrs. Tegler has four children and lives in Towson, Maryland.

LEWIS G. COOK, BPA '49, is the Assistant Manager of Ernst & Ernst. Mr. Cook lives in Baltimore and has two sons.

FREDERICK S. DEMARR, A&S '49, is the Dean of Students at C. W. Post College in Greenvale, New York. Mr. DeMarr served as Assistant Dean for Student Life at the University of Maryland for several years. He received his M.A. from the University in 1954.

MARJORIE J. SPRAGUE, Educ. '49, is a Guidance Counselor at Central Regional High School in Bayville, New Jersey. Miss Sprague received her M.ED. from Rutgers in 1959.

DR. RUSSELL M. TILLEY, JR., M.D. '49, is engaged in the general practice of medicine. Dr. Tilley has two children and lives in Washington, D. C.

1950-1959

CARL J. BENDER, JR., A&S '50, is a Position Classification Specialist at Fort Detrick in Frederick, Maryland. Mr. Bender lives in Hagerstown, Maryland.

DR. ROBERT B. DOTY, A&S '50, is an Instructor in Microbiology at Penn State. Dr. Doty received his PH.D. from Penn State in 1962. He lives in Hatboro, Pennsylvania, with his wife and two children.

GEORGE R. QUICK, Engr. '50, is a Section Head for Navigation Systems, Flight Simulators of ACF Industries. Mr. Quick has two daughters and lives in Silver Spring, Maryland.

PAUL E. REISING, BPA '50, is a Supervisory Accountant at the Goddard Space Flight Center. Mr. Reising has four sons and lives in West Hyattsville.

(Continued on next page)

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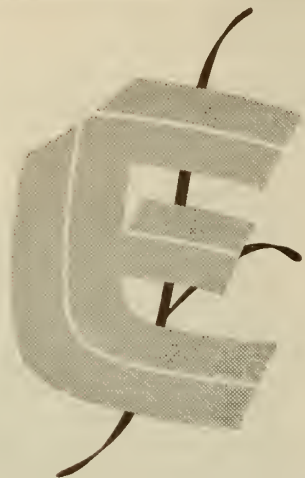
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DR. W. HOWARD YEAGER, M.D. '50, A&S '44, is a practicing physician as well as a surgeon for the Board of Police and Fire Surgeons of the D. C. Government. Dr. Yeager is living in Washington, D. C.

MRS. ARTHUR H. FOGELMAN, A&S '51, the former Juanita J. Block, is a housewife in Chevy Chase. Mrs. Fogelman has two children.

DR. ROBERT COBURN KINGSBURY, M.D. '53, A&S '51, is a practicing physician. Dr. Kingsbury lives in Seaford, Delaware, and has five children.

DR. FRANK ROBERT PERILLA, M.D. '51, A&S '47, is the Chief of The Department of Radiology at St. Agnes Hospital in Baltimore. Dr. Perilla is also an Instructor in Radiology at Johns Hopkins Hospital. He has four children and lives in Baltimore.

MRS. MARGARET GALLOWAY VAN DOREN, H.Ec '51, is a housewife in Ridgewood, New Jersey. Mrs. Van Doren has two sons. Mrs. Van Doren is very active in the College Club of Ridgewood.

EDWARD L. WOLFFE, Engr. '51, is a chemical engineer. Mr. Wolffe lives in Furlong, Pennsylvania, and has three sons. He received his M.S. from Drexel Institute in 1959.

JOSEPH HENRY BOURDON, III, Engr. '52, is an Assistant Project Engineer for the consulting firm of Whitman, Requardt & Associates. Mr. Bourdon has four children and lives in Baltimore. He has been very active in working with underprivileged children with the Baltimore J.A.C.

DR. ROBERT DONALD CARLOUGH, D.D.S. '52, is a practicing dentist. Dr. Carlough is residing in Concord, North Carolina. He has three sons.

DR. RAYMOND W. PALMER, JR., D.D.S. '56, A&S '52, is a practicing dentist specializing in orthodontics. Dr. Palmer has two children and lives in Glen Burnie, Maryland.

STANLEY STELMACH, Engr. '52, is an Instrument Engineer living in Baltimore. Mr. Stelmach has two children.

CHARLES L. CHREST, JR., BPA '53, is a self-employed C.P.A. Mr. Chrest lives in Baltimore with his wife and three children.

CAPT. MELVILLE E. EATON, JR., Engr. '53, is a U. S. Air Force Officer. Capt. Eaton is stationed at Wright-Patterson A.F.B. in Ohio.

FREDERICK SWARTZ, A&S '53, is a sales representative for Philip Morris, Inc. Mr. Swartz has three children and lives in Silver Spring, Maryland.

MICHAEL TYMOCH, A&S '53, is an Analyst for the Ford Motor Company. Mr. Tymoch lives in Mahwah, New Jersey.

CLAUD A. ALSOP, BPA '54, is a Program Evaluation Analyst for the Agency for International Development. He received his M.A. from George Washington University in 1959. Mr. Alsop and his

wife live in Carrollton, Hyattsville, where he is serving a term as Councilman.

EDWARD ARTHUR BURNAP, JR., Engr. '54, is a construction supervisor for Lucius White, Chance & White, Architects. Mr. Burnap lives in Baltimore and has two sons.

DR. SANFORD PASKOW, D.D.S. '54, is a practicing dentist. Dr. Paskow lives with his wife and three children in Colonia, New Jersey.

LT. COL. PETER THOMAS SADOW, Mil.Sci. '54, is a Research Associate of the Defense Management Center at Ohio State University. He has one son and lives in Dayton, Ohio. Col. Sadow retired in 1959 after serving 28 years in the U. S. Air Force.

CLARE WHITELY BANGS, M.ED. '55, is a teacher and reading specialist. She has three children and lives in Silver Spring, Maryland.

AMELIA CATAKIS, H.Ec. '55, is the Chief Dietitian at the Washington Hospital Center. Miss Catakis lives in Washington, D. C., and is very active in the Home Economics Alumnae Board of the University of Maryland.

CHARLES JAY CESKA, JR., BPA '55, is a Supervisory Auditor for the U. S. Army Audit Agency. Mr. Ceska and his wife live in Baltimore.

MARGARET ADELL DUNN, Educ. '56, is the Administrative Supervisor at The Clinical Center of the National Institutes of Health in Bethesda. Miss Dunn lives in Hyattsville and is currently working part-time toward her ED.D. at the University.

HERMANN JACOB, M.S. '56, is a government employee. Mr. Jacob and his wife are living in Springfield, Virginia.

DR. IRVIN P. POLLACK, M.D. '56, is a practicing physician specializing in ophthalmology. He is also an instructor of ophthalmology at Johns Hopkins University. Dr. Pollack lives in Baltimore and has two children.

MAJOR EUGENE P. REEDER, U.C. '56, is an officer in the U. S. Air Force. Major Reeder has two children and lives in Bellevue, Nebraska.

DR. HARVEY R. BUTT, JR., A&S '57, is an Anesthesiologist at Anne Arundel General Hospital in Annapolis. Dr. Butt has two children. He has written several articles and is an avid sailor.

WILLIAM C. GIERISCH, U.C. '57, is an Intelligence Research Analyst with the U. S. Army Combat Developments Command at Fort Belvoir, Virginia. Col. Gierisch and his wife live in Arlington, Virginia.

ALFRED W. LIEDTKE, Educ. '57, is a Cartographic Draftsman. Col. Liedtke retired from the Army in 1954 after 25 years of service. He received his M.S. from the University of Pennsylvania in 1958. He has three children and lives in Aberdeen, Maryland.

MAJOR STEPHEN SEDORA, Mil. Sci. '57, has been in the Marine Corps since 1940. He is a systems analyst for Electronic Data Processing. Major Sedora and his wife live in Arlington, Virginia.

ALICE JOSEPHINE AKEHURST, Educ. '58, is the Director of Nursing Service of the Lutheran Hospital of Maryland. Miss Akehurst lives in Baltimore.

PALLIE MARIE BERRY, PE '58, is a teacher of physical education at Takoma Park Junior High School. Miss Berry lives in Silver Spring, Maryland.

KENNETH LANTZ PIERSON, BPA '58, is a Mobilization Officer for the Interstate Commerce Commission. Mr. Pier-son has three children. He lives in Baltimore.

JACOB RAY RAMSBURG, JR., BPA '58, is an insurance agent for Frederick Underwriters, Inc. Mr. Ramsburg has two children and lives in Frederick, Maryland.

JUDITH B. ARNOFF, A&S '59, is a Clinical Audiologist at Highland View Hospital in Cleveland. Mrs. Arnoff is the former Judith Benner. She and her husband live in Cleveland.

LT. COL. STANLEY J. NIXON, U. C. '59, is an officer in the U. S. Air Force. Col. Nixon has served in the Air Force since 1942. He has three children and lives at Bolling AFB in Washington.

WILLIAM SEYMOUR ORNETT, Engr. '59, is a Mechanical Engineer for the Federal Aviation Agency. He lives in Hyattsville. Mr. Ornett is studying for his M.S.E. at George Washington University currently.

SAMUEL C. RAMSDELL, U.C. '59, MBA '62, is an accountant at the Aberdeen Proving Ground, Maryland. He has three children and lives in Bel Air, Maryland.

THE SIXTIES

TOWNSEND D. BREEDEN, Engr. '60, is a Communications Engineer with the R.C.A. Space Center. Mr. Breeden and his wife live in Trenton, New Jersey.

LYNNE JUDITH CASHMAN, A&S '60, is a secretary in the office of the Sergeant at Arms of the U. S. House of Representatives. Miss Cashman lives in Chevy Chase, Maryland.

MR. AND MRS. WAYNE L. O'ROARK, A&S '60, Nurs. '60, are living in Baltimore. Mr. O'Roark is studying dentistry at the University of Maryland Dental School. Mrs. O'Roark is the former SARA RAFTER.

LT. COL. GERALD L. PINES, U.C. '60, is an officer in the United States Marine Corps. He is the Wing Adjutant of the 2nd Marine Aircraft Wing. Col. Pines has served since 1934. He has two children and lives in Cherry Point, North Carolina.

ELLIOTT J. ALPHER, A&S '61, is a second year student at the University

of Maryland Dental School. Mr. Alpher lives in Takoma Park, Maryland.

JOHN WAYNE BRANCH, A&S '61, is a student at George Washington Medical School. Mr. Branch lives in Takoma Park, Maryland.

RICHARD P. GLADDING, BPA '61, is a Budget Analyst Trainee for the State of Maryland. Mr. Gladding lives in Baltimore.

MILLARD A. NOACK, Educ. '61, is an Industrial Arts Teacher at Beltsville Junior High School. Mr. Noack lives in Washington, D. C.

MRS. VIRGINIA SWEENEY BALLARD, M.ED. '62, teaches French, and is chairman of the Department of Foreign Languages in Annapolis. Mrs. Ballard has one son and lives in Annapolis.

CAPT. EDWARD J. DRISCOLL, U.C. '62, is an Administrative Officer in the Office of the U. S. Air Attaché of the U. S. Embassy in Ottawa, Canada. Capt. Driscoll has been in the service since 1940. He has two children and lives in Ottawa, Canada.

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MAHLON N. HAINES

Mahlon N. Haines, the shoe wizard from York, Pennsylvania, died at the age of 87 in early November. He was a member of the Class of 1896. As a student he won the Gold Medal for the best drill cadet and for much of his life provided an Annual Trophy to the Major of the winning ROTC Battalion at Maryland. The "Kentucky Colonel" served on the Alumni Council, the Agriculture Alumni Board, was Chairman of the Alumni Magazine Committee and gave the first \$1,000 to establish the Chapel on the College Park Campus. His devotion to the University was great and he gave much credit to the institution from which he received his education. He became a millionaire after experiencing several business failures.

He owned the largest chain of shoe stores in America operated by an individual. He was much interested in horses and owned many outstanding trotters and pacers. He had large agricultural holdings in both Pennsylvania and South Dakota.

Colonel Haines never forgot his days as a shortstop on the Maryland baseball team, nor his obligation to his fellow man. He devoted much of his time and wealth to the Boy Scouts of America, who presented him with a Silver Antelope; to his community, to which he recently designated an

extensive park area; to the Grand Lodge of the State of Pennsylvania where he had 65 years of service; and to the Methodist Church. His business was turned over to his employees upon his retirement.

As a student and an alumnus, he was one of the most vibrant men the Campus has ever known and he will not soon be forgotten. His last letter told of his plan to return for another Homecoming—he said in part "... if you see any man down there older than 87 plus six months and physically fit, who can run the quarter around the stadium, introduce me to him." He went on "It makes me sad when I think of all those classmates or students I used to know—it also makes you feel sort of alone in the world. But I am always doing something to help. So I am still alive and living strong as usual."

In 1949 the Colonel had a banquet for the Alumni Council which he prepared and served himself. He entertained more than 75 alumni leaders who were given an opportunity to review his six scrapbooks of clippings. The Alumni were also invited to try on the headgear which designated him an Honorary Chief of three Indian tribes. He has left a lasting impression which he would like to hope was typically MARYLAND.

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A TURNING POINT

NOVEMBER 29 MARKS THE FIFTIETH anniversary of a great milestone in the history of the University of Maryland. On this date in 1912 the Annual Thanksgiving Dance was in progress. In the midst of gaiety disaster struck the College. The word FIRE rang through the hall as a prelude to the destruction of two large dormitories, the dining rooms, business offices, and the classrooms for mathematics and languages.

The Dance was at its height when fire was first discovered darting from the ceiling of a room on the top floor of the Administration Building. Dancers and chaperons rushed out of doors. Someone with presence of mind put in a call to the Baltimore Fire Department. Others made every effort to control the fire but in a short time discovered the water supply had failed. The Baltimore response was immediate. Fire equipment loaded on B & O flat cars rolled out of Baltimore toward College Park. When the equipment arrived, those who manned it found they had made a futile trip for there was no water with which to operate. Helplessly, students, faculty, firemen and neighbors watched two great buildings, the heart of the campus, consumed by a great conflagration and finally reduced to grim and gloomy ruins. With the buildings went the College records for the previous fifty years. The day before the fire, the College water tower had been drained in preparation for a painting.

The outlook was bleak. It appeared the College would be compelled to suspend operations indefinitely. The students saved the day. Four days following the fire the entire student



body, with one exception, reported back to the College with the firm intention of keeping the College in operation. Sympathetic neighbors and faculty members opened their homes to the boys of the "homeless" College and for the next two years kept them—and in the words of the students "kept them well."

Following the fire, efforts were made to transplant the College to another location, based on arguments that the location at College Park was not favorable for a College, as it was too near the distracting influences of Washington City and yet located in a wilderness devoid of the refining influences so characteristic of a town or small city. Others pointed to the fact that the site was too hilly and rough for the erection of buildings

in accordance with any system that would be pleasing or practical. Critics stated there was not sufficient level space for a parade ground or athletic field and that a model college farm on the present site was out of the question.

But the sentiment of two generations for the old College was too strong to be denied and all interests ultimately united to raise the school again upon the cinders of the old Maryland Agricultural College.

In a half-century a great university has arisen from charred ruins. And perhaps it would be fitting for the University family today to pause and briefly recall the courage of those who returned to their college when it was destroyed to build it anew. For they will always be with us.

Reference Books

(Continued from page 10)

as to be sure to get the one that best suits him. An indexed work is desirable. Hoyle is of course useful in settling disputes regarding rules; and an evening of browsing may reveal to you some sources of pleasure that you did not know of. How long has it been since you played panguingue, whist, loo, ombre, fan tan, snip snap snorem,

and faro? The section on children's games may come in handy.

REFERENCE BOOKS; A BRIEF GUIDE FOR STUDENTS AND OTHER USERS OF THE LIBRARY. Enoch Pratt Free Library, Baltimore. 5th ed. \$1.25.

With this handy list we conclude *our* list. The Pratt Library pamphlet on reference books lists and describes

several hundred aids, including general works (periodical indexes, encyclopedias, yearbooks, biographical compilations, dictionaries, atlases, etc.) and works on specific fields (literature, art, music, science, business, sports, education, etc.). An author and title index is included. This aid can serve as a bridge between one's own "look-it-up" shelf and the reference collections available to one in nearby libraries.

Merry Christmas

TO OUR FELLOW ALUMNI

We
who have the
honor, the responsibility and
the privilege of serving as your officers
and your representatives, send most hearty wishes
of the
Season. May the
tidings now exchanged in an
atmosphere of good fellowship, understanding and peace, be our beacon and inspiration
through
every day of the
coming year. May you always
feel that spirit of friendship and goodwill,
best expressed in the Spirit of Christmas. While we
continue
to pray for peace
for all Mankind, we express
appreciation to a university through which
we are sufficiently prepared to meet the challenges
of our day. With complete assurance,
we convey to each of you a complete wish for

A HAPPY NEW YEAR



